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FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

PLEASE RETURN

September 1, 1980

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STILLWATER
YELLOWSTONE
POWDER RIVER
CARTER
BEAVERHEAD
MADISON
PARK
BIG HORN
GARBON

MONTANA DEPARTMENT OF HIGHWAYS

MISSOULA, MONTANA

AUGUST 29, 1980

Montana Department of Highways
Helena, Montana 59601

Progress Report

G E N E R A L

Skies have been mostly clear with some rain during the past period. Temperatures from 38° to 80°. Highways are in fair to good driving condition.

P R E C O N S T R U C T I O N

FF 5-1(01)07, Evaro Hill
Length - 13.0 Miles

Charles Hegman, FPM
Drummond, MT

Survey crew assigned to Drummond. Work on traverse remains 98% complete with 126½ days used.

F 6-1(5), Thompson Falls
Length - 3.4 Miles, Preliminary Engineering

John Miner, FPM
St. Regis, MT
Phone 649-2460

Work on subject project was suspended 2-29-80. Crew is assigned to various projects since 3-3-80. Cross-sections on project completed from Station 0+00 to Station 40+00 which cross-sectioning 22% complete.

F 7-1(9)22, Darby - North & South
Length - 17 Miles

Allan Dutton, FPM
Hamilton, MT

Location suspended. Crew is working on construction projects.

FF 7-1(1)11, Florence - Lolo, Add 2 Lanes

Jim Smith, Designer III
Missoula, MT

Personnel on other projects. No work on this project this period.

FF 7-1(10)50, Victor - South
Length - 9.5 Miles

Jim Smith, Designer III
Missoula, MT

Work this past period consisted of computing quantities, work on summary and plan sheets, design personnel made field inspection on all irrigation syphon pipe for recommendations for replacing. Design will be sent to Helena for P.I.H. prints by September 3, 1980. Design is 36% complete. Personnel also on other assignments.

RF 24-1(2)9, Potomac - West
Length - 4.8 Miles

Jim Smith, Designer III
Missoula, MT

Design started May 1, 1980. Grades set and Plan & Profile linen sheets have been traced from Sta. 340+00 to end Sta. 555+17.9. Beg. Sta. 300+19 to Sta. 340+00 will have to be projected to meet new bridge x-ing when bridge location has been made. Design remains 4% complete and work is suspended at this time.

RS 263-1(4)1, Mullan Road - Missoula
Length - 4.9 Miles

Jim Smith, Designer III
Missoula, MT

Work this past period consisted of laying out of summary sheets. Survey crew began running center-line this past week. Design is 20% complete. Personnel also on other assignments.

S 269-1(01), State 269 - Stevensville
Length - 0.8 Miles

Jim Smith, Designer III
Missoula, MT

There has been no work on this project since the P.I.H. and a Public Hearing was held on the project on February 27, 1980.

CONSTRUCTION

I 90-1(77)22, U-7, Drexel - East & West
Length - 5.342 Miles
Grading, Agg. Surf. PMB & Sign
Contract Let - April 27, 1978
Amount of Contract - $7,478,434.20
Work Proceed Date - May 22, 1978
Work Started - May 22, 1978

Rehbein Contracting, Inc.
Plains, MT, Contractor
James Cyr, FPM
St. Regis, MT, Phone 649-2601
Contract Time - 300 Working Days
Probable Completion Date - Nov. 1980
Effective Opening Date - _____

The contractor has had only one or two men working, intermittently, on clean-up. Such items as additional rocks on river bank, brooming, and culvert pipe clean out has been accomplished. The sub-contractor, with a three man crew, striped the project on the 16th. Striping is complete except for finishing the Henderson Interchange Area. The State had one employee with the striping crew and one over all clean-up inspector. Striping is 99% complete.

I-IG 90-1(61)27, U-2, St. Regis - East & West
Length - 212.5 Ft. Prestress Concrete
Girder Bridges over St. Regis River
78.0 Dual Separation Str.
Contract Let - June 22, 1978
Amount of Contract - $633,002.62
Work Proceed Date - July 14, 1978

Sletten Construction Company
Great Falls, MT, Contractor
William Maart, FPM
St. Regis, MT, Phone 649-2471
Contract Time - 160 Working Days
Completion Date - Sept. 11, 1979
Effective Opening Date - _____

The Final Estimate is being held in the Division Office pending receipt of additional documentation.

I-IG 90-1(61)27, U-3, St. Regis - East & West
Structures & Detour
Dual 285 Ft. Prestressed Concrete
Girder Bridges
Amount of Contract - $2,009,230.57
Work Proceed Date - April 16, 1979
Work Started - March 6, 1979

Sletten Construction Company
Great Falls, MT, Contractor
William Maart, FPM
St. Regis, MT, Phone 649-2471
Contract Time - 240 Working Days
Probable Completion Date - Aug. 1980
Effective Opening Date - _____

No work on this project the past period.

I-IG 90-1(61)27, U-4, St. Regis - East & West
Dual 402.33 Ft. & A Dual 413.0 Ft.
Composite Steel & Concrete Girder Bridge
A Detour Road & Railroad Relocation
Amount of Contract - $2,830,789.54
Work Proceed Date - May 2, 1979
Work Started - April 18, 1979

General Construction Company
Butte, MT, Contractor
William Maart, FPM
St. Regis, MT, Phone 649-2471
Contract Let - 350 Working Days
Probable Completion Date - Aug. 1981
Effective Opening Date - _____

Girders placed on all spans @ 406, diaphrams being bolted up; Pier #2 WB @ 415 - cap poured; top of cap being formed; cofferdam removed on backfill completed; Pier #3 WB @ 415 - Column poured; Pier #4 WB @ 415 - excavation begun, and sheets being driven; Abut #5 @ 415 - excavation begun. Contract Items percent complete are as follows: Traffic Control - Devices - 79%; Traffic Control - Flagging - 29%; Mobilization - 60%; Temp. Erosion Control - 0%; Concrete AD - 74%; Concrete BD - 0%; Struct. Steel - 48%; Struct. Exc. Type I - 73%; Struct. Exc. Type II - 88%; Shoring & Cribs - 96%; Test Pile - Untreated - 100%; Furnish Untreated Timber Pile - 100%; Drive Untreated Timber Pile - 100%; Steel Driving Tips - 100%; Reinf. Steel - 38%; Temporary Haul Bridge - 100%; Work Bridge - 50%. Construction layout is 70% complete; 63% of the contract time has elapsed; and the contract as a whole is 61% complete. 4 engineers and 30 men are employed working 5/10 hr. shifts per week.

I-IG 90-1(61)27, U-5, St. Regis - East & West
Dual 889.23 Ft. Composite Steel &
Cone, Girder - Bridge
Amount of Contract - $4,964,536.10
Work Proceed Date - July 27, 1979
Work Started - July 18, 1979

Sletten Construction Company
Great Falls, MT, Contractor
Larry Chezik, FPM
St. Regis, MT
Contract Time - 410 Working Days
Probable Completion Date - June 1981
Effective Opening Date - _____

Progress has been fair. The contractor worked one-8 hour shift per working day, employing 4 to 12 men a shift. Work consisted of forming for the deck on spans 1 & 2 E.B. and span 1 W.B., installing safety nets on span 1 W.B. and tightening bolts on spans 1, 2, & 3 W.B. The project as whole is 46% complete; 166 working days have been used; with 40% of the contract time elapsed.

I-IG 90-1(61)27, U-6, St. Regis - East & West
Length - 7.6 Miles
Grading, Agg. P.M. Surf. Seal & Cover
Amount of Contract - $5,074,098.62
Work Proceed Date - Sept. 24, 1979
Work Started - Sept. 17, 1979

Rehbein Contracting, Inc.
Plains, MT, Contractor
John Miner, FPM
St. Regis, MT, Phone 649-2460
Contract Time - 200 Working Days
Probable Completion Date - Dec. 1981
Effective Opening Date - _____

Good progress has been maintained during this reporting period. Grading is being worked between Sta. 291 & 447, on a double shift basis. Finish grading operatins began Aug. 25th. It is estimated that aggregate surfacing will be resumed during the week of Sept. 8th and paving operations should resume during the week of Sept. 15th. The project is now 82% complete; 59% of the contract time has elapsed; the contractor is using 55 to 60 employees. 14 State employees have been assigned to the project.

I 90-1(59)35, U-1, St. Regis - East
Length - 3.5 Miles, GR-Add. Surf. - PMB
Sign & Flasher Installation
Amount of Contract - $2,823,425.90
Work Proceed Date - April 18, 1977
Work Started - January 25, 1977

Washington Construction Company
Missoula, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 220 Working Days
Completion Date - 6/6/79
Effective Opening Date - 9/18/79

The Final Estimate is being checked in the Division Office.

I 90-1(83)35, St. Regis - East
PCCP & Related Items
Amount of Contract - $1,661,621.92
Work Proceed Date - September 15, 1978
Work Started - June 28, 1979

Northwest Construction, Inc.
Kirkland, Washington, Contractor
John Miner FPM
St. Regis, MT, Phone 649-2460
Contract Time - 150 Working Days
Completion Date - July 15, 1980

Crew working on other projects.

I 90-1(57)39, U-1, Sloway - E & W
Dual 1092.0 Ft. Composite Steel & Conc.
Girder Bridges
Amount of Contract - $6,532,574.74
Work Proceed Date - October 26, 1979
Work Started - October 26, 1979

Sletten Construction Company
Great Falls, MT, Contractor
William Maart, FPM
St. Regis, MT, Phone 649-2471
Contract Time - 410 Working Days
Probable Completion Date - Nov. 1981
Effective Opening Date - _____

The 1st & 2nd lifts of the column @ Pier #3 WB have been poured. The hole is backfilled; and the sheets are removed. Excavation has begun on Piers # 3 EB & #5 WB. Two cement finishers are now working on Piers #2 EB & WB. Contract Items percentages complete are as follows: Traffic Control - Devices - 47%; Mobilization - 50%; Concrete - Class AD - 52%; Struct. Excav. TY 1 - 95%; Struct. Excav. TY 2 - 51%; Shoring & Cribs - 58%; Reinforc. Steel - 27%; Work Bridge - 30%; & Bridge Survey Control - 40%. Construction layout is 70% complete; 25% of the contract time has elapsed; and the contract is 23% complete. 2 engineers and 24 men are employed working 10/8 hour shifts per week.

I 90-1(57)39, U-2, Sloway - E & W
Dual 1214.0 Ft. Composite Steel & Conc.
Girder Bridges & 1.6 Miles Grading, Agg.
Surf. & PM Bit. Surf.
Amount of Contract - $9,917,560.79
Work Proceed Date - April 16, 1980

Sletten Construction Company
Great Falls, MT, Contractor
George Roat, FPM
Alberton, MT
Contract Time - 450 Working Days
Probable Completion Date - Oct. 1981
Effective Opening Date - _____

Work during the past weeks has consisted of placing concrete for the lower and upper column at Pier 7 WB, Driving service piling at Bents 1 EB & WB and driving sheetpile and excavating cofferdam at Pier 6 WB. The sub-contractor has 9 men employed working 5/9 hour shifts per week. They have been placing fill on the main line from Sta. 948+00 to Sta. 954+00. Placed 24" R.C.P. pipe at Sta. 901+60 and at Sta. 914+50. The State has one man assigned to the project. Construction layout is 40% complete; 18% of the contract time has elapsed; and the contract as a whole is 22% complete. 3 engineers and 21 men are employed working 10/8 hour shifts per week.

I 90-1(57)39, U-3, Sloway - E & W
460.0 Ft. Composite Steel & Conc.
Girder Bridges
Amount of Contract - $1,087,699.06
Work Proceed Date - July 29, 1980
Work Started - _____

Morgen & Oswood Construction Co., Inc.
Great Falls, MT, Contractor
William Maart, FPM
St. Regis, MT, Phone 649-2471
Contract Time - 200 Working Days
Probable Completion Date - Nov. 1982
Effective Opening Date - _____

A preconstruction conference was held August 19, 1980. The contractor plans on moving in equipment after the Labor Day weekend and will start work shortly after that.

IR 90-1(88)39, U-1
Replacement of Sliding Plate
Expansion Joints
Amount of Contract - $376,873.00
Work Proceed Date - June 4, 1979

Inland Asphalt Company
Spokane, Washington, Contractor
Cliff Neiffer, FPM
Probable Completion Date - Oct. 1980
Effective Opening Date - N/A

Progress has been good. The contractor worked 9/8 hour shifts employing 11 men. Work in progress: Eastbound Lane structures at M.P. 58.5 has been completed. The contractor is presently working on structures at M.P. 49.3 Westbound Lane and M.P. 58.5 Westbound Lane. The project is 81% complete with 65% of the contract time elapsed. Construction layout with one engineer is 85% complete.

I-IG 90-1(67)64, U-1, Tarkio - East
867 Ft. Composite Steel &
Concrete Girder Bridges
Amount of Contract - $2,589,729.30
Work Proceed Date - April 16, 1979
Work Started - March 9, 1979

Sletten Construction Company
Great Falls, MT, Contractor
Jack Silvey, FPM
Alberton, MT, Phone 722-4961
Contract Time - 280 Working Days
Probable Completion Date - Sept. 1980
Effective Opening Date - Dec. 1980

Spot painting is 90% complete; 1st field coat is 5% complete; columns at Pier #4 and Pier #3 concrete is being finished. 1st coat of protection coat sprayed on rail; also general cleanup. Percentages of items complete are: Traffic Control - Devices - 144%; Mobilization - 100%; Concrete Class AD - 90%; Concrete Class BD - 95%; Struct. Steel - 94%; Struct. Exc. T-1 - 100%; Struct. Exc. T-2, Shoring & Cribs - 100%; Reinforc. Steel - 99%; Bridge Drains-Steel Structure - 50%; Protective Coat - 90%; Work Bridge - 100%; Cost of Training Program - 90%. Construction layout is 98% complete; 83% of the contract time has elapsed; and the contract as a whole is 94% complete. 3 engineers and 2-7 men are working 5/8 hour shifts per week.

I-IG 90-1(67)64, U-2, Tarkio - East
781.0 Ft. Composite Steel &
Concrete Girder Bridges
Amount of Contract - $2,460,638.15
Work Proceed Date - April 16, 1979
Work Started - March 13, 1979

Sletten Construction Company
Great Falls, MT, Contractor
Ray Hoffman, FPM
Alberton, MT, Phone 722-4961
Contract Time - 300 Working Days
Probable Completion Date - Sept. 1980
Effective Opening Date - _____

Work during the past weeks has consisted of placing BD concrete for deck slabs spans 1 through 4, sequence 2 and 3. Iron workers placing reinforcing steel for barrier rail spans 1 through 4. Class BD concrete being placed for barrier rail left and right span #1. Deck forms being removed spans 1 through 4. Construction layout is 76% complete; 74% of the contract time has elapsed; and the contract as a whole is 93% complete. 4 engineers and 17 men are employed working 5/1-8 hour shifts per week.

I-IG 90-1(67)64, U-3, Tarkio - East
329.0' Bridge, 142.25' Bridge &
199.5' Bridge Approaches
Amount of Contract - $1,050,075.80
Work Proceed Date - September 25, 1979
Work Started - November 14, 1979

General Construction Company
Butte, MT, Contractor
Albert W. Bonner, FPM
Contract Time - 195 Working Days
Probable Completion Date - Oct. 1980
Effective Opening Date - Dec. 1981

At Sta. 402 - poured deck slab; Sta. 425 - drove test pile; and at Sta. 594 decking & backwalls. Probable Completion Date is October 15, 1980. Project as a whole is 65% complete (with deck); contract time elapsed is 48%. Contractor has employed Sub (Deb Wall) 1 & 2 men working 5/8 hour shifts per week; a 3 man engineering crew has worked 5/8 hour shifts per week. Construction layout is 65% complete.

I-IG 90-1(67)64, U-4, Tarkio - East
447.5 Ft. Composite Steel Girder Overpass
Amount of Contract - $785,234.94
Work Proceed Date - October 26, 1979
Work Started - October 16, 1979

Sletten Construction Company
Great Falls, MT, Contractor
Jack Silvey, FPM
Alberton, MT, Phone 722-4961
Contract Time - 180 Working Days
Probable Completion Date - Oct. 1980
Effective Opening Date - Dec. 1981

Contractor has completed deck rebar. He is ready to place concrete for deck. Percentages of items complete are: Mobilization - 90%; Concrete Class AD - 95%; Concrete Class BD - 10%; Struct. Steel - 50%; Struct. Exc. T-1 - 100%; PSB 70' - 100%; PSB 70' - 100%; PSB 110 - 100%; PSB 130 - 100%; Reinf. Steel - 90%; Test Pile - 100%; Furn. Pile - 100%; Dri. Pile - 100%; Bridge Survey Controls - 40%. 3 engineers and 3-15 men are working 5/8 hour shifts per week. Contract time elapsed is 51% and the contract is 73% complete.

I-IG 90-1(67)64, U-5, Tarkio - East
IR 90-2(68)80, Huson - West
Length - 12.8 Miles
Grading, Agg. Surf. P.M. Overlay
Amount of Contract - $6,786,472.47
Work Proceed Date - April 16, 1980
Work Started - March 12, 1980

Rehbein Contracting, Inc.
Plains, MT, Contractor
Jerry Tahija, FPM
Alberton, MT, Phone 722-4961
Contract Time - 250 Working Days
Probable Completion Date - Sept. 1981
Effective Opening Date - Dec. 1981

The contractor is hauling borrow from left of Sta. 790+. Exc. Unclass. left of Sta. 727+ placing Sta. 640 to 660+. 30% of the contract time has elapsed; and the contract as a whole is 23% complete. 15 engineers and 23 men are employed working 10/9 hour shifts per week.

IR 90-1(70)76, Alberton - East
I 90-2(51)78, U-1, Huson - West
Length - 6.0 Miles
Grading, Agg. Surf. P.M. Fencing
Amount of Contract - $2,796,608.96
Work Proceed Date - April 17, 1978
Work Started - February 21, 1978

Hilde Construction Company
Great Falls, MT, Contractor
Jerry Tahija, FPM
Alberton, MT, Phone 722-4961
Contract Time - 180 Working Days
Completion Date - 6/27/79
Effective Opening Date - 5/18/79

One engineering personnel is working on final quantities.

IR 90-3(47)152, Drummond - East
Length - 12.3 Miles
Plant Mix Overlay
Amount of Contract - $2,723,002.29
Work Proceed Date - August 24, 1979
Work Started - October 11, 1979

Meyer Construction Company
Billings, MT, Contractor
Charles Hegman, FPM
Drummond, MT, Phone 288-3517
Contract Time - 120 Working Days
Probable Completion Date - 6/22/81
Effective Opening Date - N/A

The contractor is paving first lift in Powell County West bound lane. Crack sealing is 100% complete; P.M. Surface is 74% complete; Pavement removal is 98% complete; Filter fabric is 100% complete; Bedim is 100% complete: rubberized asphalt is 100% complete; 3/8" Cover is 100% complete; and Reset

Median Concrete Rail is 100% complete; and Median rail delineators is 100% complete. Construction layout is 76% complete; 60% of the contract time has elapsed; and the contract as a whole is 56% complete. 16 engineers and 41 men are employed working 5/9 hour shifts per week. Contractor has completed crushing.

HES 5-1(3)13, HES 5-2(12)20,
HES 5-2(11)27, & HES 7-1(17)76
Safety Improvements
Amount of Contract - $184,883.35
Work Proceed Date - July 27, 1979
Work Started - August 28, 1979

Rehbein Contracting, Inc.
Plains, MT, Contractor
Jim Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 60 Working Days
Completion Date - 6/17/80
Effective Opening Date - N/A

The contractor has completed the project. Crew on other projects.

F 7-1(8)38, Charlos Heights - North
Length - 4.5 Miles
Grade, P.M. Surf. Seal, Cover & Signing
Amount of Contract - $1,878,876.75
Work Proceed Date - July 22, 1980
Work Started - July 29, 1980

Hilde Construction, Inc.
Great Falls, MT, Contractor
Allan Dutton, FPM
Hamilton, MT, Phone 363-4420
Contract Time - 150 Working Days
Probable Completion Date - Nov. 1981

Work the past couple of weeks has consisted of Hilde Construction Co. setting fence from Sta. 600+00 to 691+96 with a 6 man crew. 3 man engineering crew has been resetting slope stakes that Utility Co. knocked down. Pipes have been completely staked. Construction layout is 10% complete; 16% of the contract time has elapsed; and the contract as a whole is 1% complete. 3 engineers and 3 men are employed working 5/8 hour shifts per week.

FF 7-1(2)46, U-1, Hamilton - North
55 Ft. Concrete Girder Bridge &
Detour
Amount of Contract - $363,507.70
Work Proceed Date - April 16, 1979
Work Started - March 19, 1979

Frontier West, Inc.
Missoula, MT, Contractor
Allan Dutton, FPM
Hamilton, MT, Phone 363-4420
Contract Time - 150 Working Days
Completion Date - May 15, 1980
Effective Opening Date - N/A

The job is complete and is in the process of being finalized in office.

FF 7-1(2)46, U-2, Hamilton - North
Length - 1.7 Miles
Grade, Agg. Surf. & PMS
Amount of Contract - $1,343,518.64
Work Proceed Date - April 16, 1980

Clark Brothers, Contractors
Victor, Montana, Contractor
Allan Dutton, FPM
Hamilton, MT, Phone 363-4420
Contract Time - 120 Working Days
Probable Completion Date - Aug. 29, 1980
Effective Opening Date - N/A

Poe Asphalt completed paving operations on August 20th and began tearing down hot plant August 21th. They were moved out by August 25th. One Way Sign, consisting of 5 men, completed setting guard rail and plastic striping from Sta. 53+28.1 to Sta. 73+14.4. Sign posts are in the process of being set. There is a five man crew staking signs, 1 man inspecting striping operations and guard rail. Construction layout is 90% complete; 71% of the contract time has elapsed; and the contract as a whole is 90% complete. 5 engineers and 5 men are employed working 5/8 hour shifts per week.

F 71-1(2)0, West Broadway - Missoula
Length - 0.7 Miles
Grading, Agg. Surf. P.M. Surfacing
Seal, Cover & Signing
Amount of Contract - $413,286.30
Contract Let - December 14, 1978
Work Started - May 11, 1979

American Asphalt, Inc.
Missoula, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 70 Working Days
Completion Date - 10/25/79
Effective Opening Date - N/A

The Final Estimate is in the Division Office for checking.

RS-DP 224(14), U-2, Reserve Street
Length - 148 Ft. Concrete Girder Overpass
Over C.M. St. P. & P. Railroad Approaches
& Fencing
Amount of Contract - $360,910.77
Contract Awarded - May 2, 1977
Contract Let - April 28, 1977
Work Proceed Date - May 23, 1977

General Construction Company
Butte, MT, Contractor
Chuck Hegman, FPM
Jack Silvey, FPM
Alberton, MT, Phone 722-4961
Contract Time - 105 Working Days
Completion Date - 7/6/79
Effective Opening Date - 6/15/79

The Final Estimate for the roadway portion of the project is in the Division Office for checking.

RS-DP 224(14), U-3, Reserve Street
Length - 331.14 Ft. Prestressed Concrete
Girder Bridge
Amount of Contract - $635,990.40
Contract Let - October 27, 1977
Work Proceed Date - April 27, 1978
Work Started - November 22, 1977

Sletten Construction Company
Great Falls, MT, Contractor
Jack Silvey, FPM
Missoula, MT, Phone 549-6491
Completion Date - October 6, 1978
Effective Opening Date - 6/15/79

The Final Estimate is still in the field.

RS-DP 224(14), U-4, Reserve Street
Length - 1.3 Miles
Grade, Agg. Surf. CTB, Concrete
Paving & Traffic Control
Amount of Contract - $1,569,222.20
Work Proceed Date - April 21, 1978
Work Started - April 21, 1978

Peter Kiewit Sons' Company
Billings, MT, Contractor
Charles Hegman, FPM
Drummond, MT, Phone 288-3517
Contract Time - 140 Working Days
Probable Completion Date - Aug. 1979
Effective Opening Date - 6/15/79

The Final Estimate is in the Division Office for checking.

RS-TQS 348-1(2)7, Philipsburg - West
Length - 6.8 Miles
P.M. Base, Signing, Seal & Cover
Contract Let - May 22, 1980
Work Proceed Date - June 17, 1980
Work Started -

Charles Hegman, FPM
Drummond, MT, Phone 288-2517
Contract Time - 90 Working Days
Probable Completion Date - July 1981
Effective Opening Date - N/A

A preconstruction conference is scheduled for August 29, 1980.

M 8105(4), U-2, Intersection of 3rd & Russell
Traffic Signals, Signing Street Widening
Surfacing & Lengthen Conc. Box
Contract Let - May 30, 1979
Amount of Contract - $369,304.05
Work Proceed Date - June 29, 1979
Work Started - October 29, 1979

American Asphalt, Inc.
Missoula, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 80 Working Days
Probable Completion Date - Sept. 1980
Effective Opening Date - N/A

The contractor completed the fence during the past two weeks. The seal & cover has been deleted. The contractor has some work to do on the signal, guardrail, and install a traffic island and do the seeding to complete the project. Construction layout is 96% complete; 73% of the contract time has elapsed; and the contract as a whole is 96% complete. 0-2 engineers are employed on the project.

M 8117(1), Intersection of Higgins & South
Installation of Traffic Signals, Inter-
Section Improvements & Landscaping
Contract Let - December 14, 1978
Amount of Contract - $105,102.59
Work Proceed Date - April 16, 1979
Work Started - October 3, 1979

Livesay Traffic Maintenance, Inc.
Great Falls, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 45 Working Days
Probable Completion Date - Aug. 1980
Effective Opening Date - N/A

The contractor started striping on August 27, 1980. The striping should be done on August 30, 1980. The landscaping should be completed in October, 1980. Construction layout is 98% complete; 88% of the contract time has elapsed; and the contract as a whole is 96% complete. 2 engineers and 6 men are employed working on the project.

M 8199(7), U-1, Int. of Russell & 39th St.
Traffic Signals & Signing
Amount of Contract - $145,080.91
Work Proceed Date - April 16, 1980
Work Started - April 24, 1980

Livesay Traffic Maintenance, Inc.
Great Falls, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 45 Working Days
Probable Completion Date - Sept. 12, 1980
Effective Opening Date - N/A

The contractor has sealed the project the past week and plans to start striping on Sept. 2. Construction layout is 92% complete; 78% of the contract time has elapsed; and the contract as a whole is 85% complete.

M 8199(8), Signal Update - Missoula
Signal Revision
Contract Let - May 22, 1980
Amount of Contract - $12,250.00
Work Proceed Date - June 17, 1980
Work Started - June 10, 1980

Livesay Traffic Maintenance, Inc.
Great Falls, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 30 Working Days
Probable Completion Date - Aug. 20, 1980
Effective Opening Date - N/A

The project is complete. Final Estimate should be submitted about 10-30-80.

SMP 2099-80, Crushing & Stockpiling
from six crusher operations in Granite, Lake,
Mineral, Missoula, and Sanders Counties
Contract Let - January 31, 1980
Contract Awarded - February 4, 1980
Work Proceed Date - February 25, 1980

Washington Construction Company
Missoula, MT, Contractor
Robert Todd, Materials Supervisor
Contract Time - 100 Working Days
Probable Completion Date - Sept. 1980

Contractor is setting up crusher at Ravalli and plans to start crushing 8/26/80. Contract remains 41% complete with 60% of the contract time elapsed.

Ben C. Miller

BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM: MK: cdj

cc: Division File

DEPARTMENT OF HIGHWAYS

KALISPELL, MONTANA

AUGUST 29, 1980

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending August 29, 1980.

GENERAL

Progress has been fair. Weather has been variable ranging from clear to couldy with light percipitation and average temperatures throughout the period. Day time temperatures ranged from +58° to +80° with night temperatures from +37° to +50°. Highways are in average early fall driving condition.

PRE-CONSTRUCTION

F-1-1(02) Libby-Kalispell
Elk Hill-Lion Springs Safety
Length - 2.8 Miles
Design Started - April 5, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - January 15, 1981

A letter was received from St. Regis Paper Co. giving preliminary approval to the realignment, which will go through their Lion Springs picnic and camping area. It has been determined that the campground does not fall under Section 4 F. There has been no work on design the past period. Further field work will be required for this major shift in alignment. 111 man days have been used to date on design, which is approximately 36% complete.

F-1-(5)15 E. of Troy
Weigh Station
Scheduled for October 30, 1980 Letting

Ken Chrisinger, Field Project Manager
Kalispell, Montana 59901
Phone: 752-1160

Utilities
Northern Lights started clearing for power line re-route August 19, 1980 and plan to start setting poles September 2, 1980. This relocation should be completed about September 20, 1980.

General Telephone estimate is being prepared and should be submitted next week. One state inspector is assigned to the project.

F-1-2(3)148 Unit 2 & LSF-1-257(5)
Coram-West Glacier Section
Length - 3.7 Miles
Contract Let - November 29, 1979
Contract Not Awarded to Date

Gene Piedalue, Field Project Manager
Martin City, Montana 59926
Phone: 387-5754

No field work performed the past period. Contract status still in litigation.

Utilities (Original 4.8 Miles)
Note: All utilities are complete relative to Unit 2 Project.

Northwestern Telephone Systems, Mountain States Telephone and Burlington Northern, Inc.
100% complete.
Flathead Electric Co-op & Montana Power Co.
All work suspended pending outcome of litigation.

F-1-2(1)142 & LSF-1-257(5)
Hungry Horse-Coram Section
Scheduled for March 1981 Letting

Gene Piedalue, Field Project Manager
Martin City, Montana 59926

A 5 member crew worked 2 days the past period establishing property lines on Parcel 84 and 85 for the Legal Department.

Utilities
Northwestern Telephone, Montana Power Transmission & Distribution, Flathead Electric Co-op & Coram Water Users Association - Estimates have been submitted to Helena and will be processed as time permits.
Martin City Water Co. - Work was to have been resumed last month on revised routing, but no word has been received as to status.
Hungry Hores Water Co. - The company is presently awaiting data from Hydraulics before preparing estimate.

F-5-4(1) Stryker-Roosville
Length - 7.8 Miles
Design Started - May 6, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
PHone: 755-5717
Est. Comp. Date - Pending

There has been no work on design the past period, but will resume as time permits. 192 man days have been used to date with design approximately 19% complete.

RS-548-1(1)0 West Reserve Drive
Length - 2.2 Miles
Design Started - June 22, 1974

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - January 15, 1981

There has been no work on design the past period. The status of the project is presently as follows: Grade and alignment design are essentially complete. Design of right of way limits is complete from Sta. 280+00 to the Whitefish River. The Bridge Bureau is designing structures for the Stillwater and Whitefish Rivers. The Hydraulics Unit will be requested to design the storm drain system. Locations for storm drain outfalls and settling ponds have yet to be determined. Final Plan-In-Hand and final Public Hearing will be held in the future. 105 man days have been used to date on design, which is approximately 25% complete.

F-5-2(03)86 Flathead County Line-South
Length - 7.5 Miles
Agreement Approved - July 16, 1979

Design - Alpha Engineers, Inc.
Butte, Montana 59701
Est. Comp. Date - October 20, 1980

No report from the designers. The design is approximately 43% complete.

F-5-2(05) Elmo-Rollins
Length - 5.5 Miles
Survey Authorized - July 6, 1977
Ground Control Survey Started - Aug. 29, 1977
Design Started - March 29, 1979

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - January 15, 1981

Nine man days were worked the past period on rock cap design and quantities. The bridge survey of Dayton Creek will be completed as soon as personnel become available from construction projects. 209 man days have been used to date on design, which is approximately 61% complete.

F-5-3(5)112 Kalispell Main St.-6th to Center
Length - 0.4 Miles
Survey Authorized - August 14, 1979
Design Started - August 17, 1979

Design - Thomas, Dean & Hoskins
3 Sunset Plaza
Kalispell, Montana 59901
Est. Comp. Date - August 20, 1980

No report from the designer. The design is approximately 58% complete.

FR-5-3(7)120 Kalispell-Whitefish Overlay
Length - 5.3 Miles
Survey Authorized - February 21, 1980
Survey Started - March 17, 1980
Survey Completed - June 3, 1980
Design Started - April 3, 1980

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - September 15, 1980

FR-5-3(7)120 (Cont'd)

Plans and special provisions have been completed and will be submitted after review. 70 man days have been used to date on design, which is 89% complete.

FH-1-2(1) Troy-Libby
Length - 17.1 Miles
Survey Authorized - May 25, 1977
Location Survey Started - September 2, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Comp. Date - January 29, 1980

Checking of survey data will resume as time permits.

F-52-1(1)11 Blue Bay Erosion Control
Length - 2.5 Miles(approx. 12 intermittent locations)
Survey Authorized - November 27, 1979
Survey & Design Started - Dec. 7, 1979

Design - Thomas, Dean & Hoskins
3 Sunset Plaza
Kalispell, Montana 59901
Est. Comp. Date - November 1980

No report from the designer for the past period. The last report showed design 44% complete.

RS-352-1(1)0 Dayton-Lake Mary Ronan
Length - 0.6 Miles
Survey Authorized - March 14, 1980
Survey Started - March 17, 1980
Survey Completed - March 28, 1980
Design Started - March 17, 1980

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - January 15, 1981

Eight man days were worked the past period on revisions to the grade, earthwork quantities, plan sheets, and summaries. 45 man days have been used to date on design, which is approximately 65% complete.

RS-382-1(1) Perma-North
Length - 2.8 Miles
Survey Authorized - Ocotber 4, 1979
Location Survey Started - Jan. 2, 1980

Ken Chrisinger, Field Project Manager
Kalispell, Montana 59901
Phone: 752-1160
Est. Comp. Date - November 1980

No work the past period.

M6701(1) Meridian Road
Between U.S. 2 and U.S. 93
Length - 1.2 Miles
Survey Authorized - February 21, 1975
Survey Started - November 20, 1979

Ray Munsinger, Field Project Manager
Kalispell, Montana 59901
Phone: 257-6567
Est. Comp. Date - Pending

M6701(1) (Cont'd)

The crew has been assigned to other projects and this survey will resume when personnel are available. 124 man days have been used to date with the location approximately 40% complete.

C O N S T R U C T I O N

TQF-1-2(1)148 Unit 1 Coram-West Glacier
Clearing & Grubbing
Length - 3.7 Miles
Contract Let - June 28, 1979
Contract Awarded - July 24, 1979
Contract Amount - $167,540.00
Proceed Order - August 14, 1979
Work Started - August 6, 1979

Rock, Inc.
P.O. Box 2368
Great Falls, Montana 59403
Gene Piedalue, Field Project Manager
Martin City, Montana 59926
Phone: 387-5754
Contract Time - 50 Working Days
Project Completed - April 18, 1980
Effective Opening Date - N/A

No work was done on the final this past period due to construction work. Final should be submitted to division office by September 20, 1980.

TQX-5-2(4)59 U.S. 93 - Polson
Safety Improvement
Length - 1.8 Miles
Contract Let - October 25, 1979
Contract Awarded - October 31, 1979
Contract Amount - $188,266.00
Proceed Order - April 15, 1980
Work Started - May 1, 1980

Midland Electric
Billings, Montana
Dan Tombrink, Civil Eng. III
Polson, Montana 59860
Phone: 883-4240
Contract Time - 60 Working Days
Prob. Comp. Date - October 20, 1980
Effective Opening Date - N/A

Progress has been fair the past period. Midland has completed their portion of the work. Sub-contractor, Parc, Inc., spent 2 days the past period completing the chip and seal. Sub-contractor, New Line Striping, will perform the striping in the next few days, which will complete the project except for seeding and clean-up. The project is 97% complete with 95% of the contract time elapsed. Construction layout is 99% complete with 3 state personnel currently assigned to the project.

F-5-2(13)61 Lighting-Inters. U.S. 93
& Rocky Point Road - 1 Mile N. of Polson
Length - N/A
Contract Let - February 28, 1980
Contract Awarded - February 29, 1980
Contract Amount - $7,061.00
Proceed Order - April 16, 1980(see Sped. Prov.)
Work Started - May 8, 1980

Midland Electric
Billings, Montana
Dan Tombrink, Civil Eng. III
Polson, Montana 59860
Phone: 883-4240
Contract Time - 20 Working Days
Comp. Date - July 29, 1980
Effective Opening Date - N/A

This project was completed on July 29, 1980 and final inspection has been performed. Work on the final will be delayed due to personnel working on other projects.

F-5-2(14) H & N St. U.S. 93 - Ronan
Curb & Gutter and Traffic Control Devices
Length - N/A
Contract Let - December 6, 1979
Contract Awarded - December 6, 1979
Contract Amount - $71,318.50
Proceed Order - April 16, 1980
Work Started - June 10, 1980

Pacemaker Industries, Inc.
Spokane, Washington
Dan Tombrink, Civil Eng. III
Polson, Montana 59860
Phone: 883-4240
Contract Time - 45 Working Days
Prob. Comp. Date - September 10, 1980
Effective Opening Date - N/A

Progress has been good the past period. The contractor worked installing standards, signal heads and the controller. Sub-contractor, American Asphalt, worked installing new curb & gutter, sidewalk and paving the radiuses. The project is approximately 80% complete with 73% of the time elapsed. Construction layout is 90% complete with 1 to 2 state personnel assigned.

RS-TQS-DP 206-1(2)4 Half Moon-South
Grade, Gravel, Pl. Mix Bit. Surf. Seal Cover, Signing
Length - 4.6 Miles
Contract Let - June 28, 1979
Contract Awarded - July 6, 1979
Contract Amount - $2,607,211.12
Proceed Order - July 27, 1979
Work Started - August 14, 1979

McIntyre Construction Co.
Great Falls, Montana 59403
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 160 Working Days
Prob. Comp. Date - Ocotber 20, 1980
Effective Opening Date - August 27, 1980

Progress has been fair the past 2 weeks. The contractor worked 5-9 hour shifts, finishing the seal and cover on August 20, 1980. Paint striping was accomplished on August 26, 1980 and is complete. Plastic striping is 98% complete and is expected to be finished on approximately August 28, when materials arrive. Clean-up operations are currently being conducted and are expected to be done on August 29. All that remains to be done is the seeding and related items. The contractor has 8 men currently employed. There are 5 engineers and inspectors assigned to the project and have the construction layout 100% complete. The project is 99% complete with 93% of the contract time elapsed.

HES-209-1(1)0 Bigfork-East
Guard Rail & Delineation
Length - 4.9 Miles
Contract Let - February 4, 1980
Contract Awarded - February 4, 1980
Contract Amount - $62,599.45
Proceed Order - April 16, 1980
Work Started - April 16, 1980

Frank Gurney, Inc.
Spokane, Washington
Ken Chrisinger, Field Project Manager
Kalispell, Montana 59901
Phone: 752-1160
Contract Time - 45 Working Days
Comp. Date - July 13, 1980

The final was submitted to the division office July 24, 1980 and will be checked as time permits. The submittal date to Helena is estimated as September 30, 1980.

HES-5-3(14)115 West Reserve - U.S. 93
Intersection Improvement
Length - 0.3 Miles
Contract Let - April 3, 1890
Contract Awarded -April 5, 1980
Contract Amount - $114,805.34
Proceed Order - April 28, 1980
Work Started - April 30, 1980

Pack & Company
Kalispell, Montana 59901
Ken Chrisinger, Field Project Manager
Kalispell, Montana 59901
Phone: 752-1160
Contract Time - 45 Working Days
Prob. Comp. Date - November 1, 1980
Effective Opening Date - N/A

No work the past reporting period. The remaining work consists of installation of two luminaires which will be ordered upon receipt of approved shop drawings, and seeding the project, which will be accomplished this fall when seeding dates allow. The project remains at 90% complete with 69% of the contract time elapsed. Construction layout is 99% complete with 1 engineering personnel working in the office on notes as time permits.

PMS 4140(57) Statewide
Epoxy Pavement Markings
Length - N/A
Contract Let - May 22, 1980
Contract Awarded - May 28, 1890
Contract Amount - $170,601.20
Proceed Order - Not Received
Work Started - August 11, 1980 (Kal. Div.)

Century Fence Co.
Box 466
Waukesha, Wisconsin 53187
Gene Piedalue, F.P.M. (Kalispell Div.)
Polson, Montana 59860
Contract Time - 45 Working Days
Est. Comp. Date - Sept. 2, 1980 (Kal. Div.)

Progress was poor due to equipment breakdown. The hand work is 100% complete and line striping was started August 28. It is anticipated that the Flathead County portion of the project will be completed August 29, 1980. They will then proceed to Lincoln County for one or two days work, which will complete the Kalispell Division. Two state personnel are assigned as required.

PMS 4140(58) Statewide
Paint Striping
Length - N/A
Contract Let - May 22, 1980
Contract Awarded - May 28, 1980
Contract Amount - $335,384.28
Proceed Date - Not Received
Work Started - August 27, 1980 (Kal. Div.)

Mark Rite Line, Inc.
238 Reynolds
Billings, Montana 59102
Ken Chrisinger, F.P.M.(Kalispell Div.)
Kalispell, Montana 59901
Contract Time - 75 Working Days
Est. Comp. DAte - August 29, 1980(Kal. Div.)

The contractor started work in the Kalispell Division August 27, 1980 and plans to complete this portion August 28, 1980. Two state personnel are assigned as required.

M6799(7) & F-1-2(11)120
Kalispell Storm Drain & Idaho St. Overlay
Length - 2.1 Miles
Contract Let - June 19, 1980
Contract Awarded - July 1, 1980
Contract Amount - $2,730,125.40
Proceed Order - July 22, 1980
Work Started - July 22, 1890

Peter Kiewit Sons' Co.
P.O. Box 20036
Billings, Montana 59401
Ray Munsinger, Field Project Manager
Kalispell, Montana 59901
Phone: 257-6567
Contract Time - 180 Working Days
Est. Comp. Date - Pending

Progress has been fair. Contractor has 23 men working 5-8 hour shifts a week crushing 1½" base, placing recycled base on the north west section of Idaho, installing 18" storm drain pipe on 3rd Avenue E.N. and street excavation on 3rd Avenue E.N. The subcontractor has 15 men working 5-8 hour shifts a week installing service water lines on 3rd Avenue E.N. and 30" storm drain pipe on Railroad R/W. Contract is approximately 15% complete with 14% of contract time elapsed. Engineering layout is approximately 30% complete with 15 state personnel assigned.

SMP 2977-80 Maintenance Crushing
6 Stockpiles in Lincoln & Sanders Counties
Contract Let - January 31, 1980
Contract Awarded - February 4, 1890
Contract Amount - $222,070.00
Proceed Order - February 25, 1980
Work Started - March 29, 1980

Konitz Contracting Co.
Lewistown, Montana 59457
Gary Marin, Materials Supv.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 90 Working Days
Est. Comp. Date - October 20, 1980

The final was submitted to division office August 18, 1980 and will be checked as time permits for submittal to Helena about September 10, 1980. This is prior to completion, however, the remaining work is not pay items.

Howard A. Stockwell

Thomas J. Barnard, P.E.
Supv. Div. Const. Section

TJB:HAS:mjb

DEPARTMENT OF HIGHWAYS
Butte, Montana

August 28, 1980

Department of Highways
Helena, Montana

Progress Report
Division 2130

GENTLEMEN:

The following report covers Construction & Preconstruction Operations in Division 2130 for the period ending August 26, 1980. The weather has been warm with rain showers and temperatures ranging from +39° to +81°.

P R E C O N S T R U C T I O N

RF 8-1(4)34
Avon-Elliston
Location Survey
12.1 Miles
Powell County

Claude Flynn, Manager
Field Project
Butte, MT - Tel. 494-3666
Estimated Completion Date:
Unknown

There will be no work on this project until the Fall of 1980. Centerline run is 67% complete. Cross-sections are 60% complete. Topography is 67% complete. Plan plotted is 52% complete. Project as a whole is 48% complete.

I 15-3(11)143
Elk Park-Bernice
Location Survey
10.2 Miles
Jefferson County

Alpha Engineers Montana Inc.
Butte, MT
Probable Completion Date:
Sept. 17, 1980

No Report Received. Project as a whole is 35% complete.

I 15-3(12)150 P.E.
Bernice Basin
Design
7.1 Miles
Jefferson County

Morrison-Maierle, Inc.
Helena, MT
Probable Completion Date:
Dec. 31, 1980

STRUCTURES
No progress this period. Awaiting comments on submitted preliminaries & approvals with comments from preliminary P-I-H on structures P613,P617 & P627.

ROAD
No Report Received. Project as a whole is 50% complete.

S 34(4)Section 2
Jackson North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer III
Butte, MT
Estimated Completion Date:
Unknown

S 34(4)Section 2 (cont'd)
The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar & profile, plotting & inking the cross-sections, tracing the plan & profile linens & laying & computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

F 55-3(1)2
Whitehall Storm Drain
Location Survey
0.000 Miles
Jefferson County

L.C. Hanson Co.
Helena, MT

Location portion is complete. The design portion of this project will be let at a future date.

RS 276-1(1)0
Browns Gulch Road
Design
8.0 Miles
Silver-Bow County

Raymond M. Grant
Designer III
Butte, MT
Estimated Completion Date:
Unknown

Work has been suspended until the project is flown & photographed. The location survey remains 90% complete with 201 man days used to date.

DP 280-1(3)11
Montana York Bridge
Design
0.9 Miles
Lewis & Clark County

Henningson, Durham &
Richardson, Inc. of Montana
Helena, MT
Estimated Completion Date:
Sept. 18, 1980

Two sets of prefinal plans were submitted to the Department for review & comments on Aug. 11, 1980. Coordination meetings were held on Aug. 15, & the draft Special Provisions for the project were submitted the same day. At the coordination meetings, it was agreed to redesign the west abutment & retaining wall as supported on spread footings instead of piling. The decision was based on very recent information regarding the location of the bedrock at the abutment. A summary of the other items discussed at the coordination meetings will be furnished to your office in the near future. We estimate the project as 85% complete.

M 0299(4)
Anaconda Urban Street
Design
1.302 Miles
Deer Lodge County

Raymond M. Grant
Designer III
Butte, MT
Est. Completion Date: Unknown

No work was done on the project during this period. The location survey remains 91% complete with 400 man days used to date.

PRECONSTRUCTION

SR 359-2(1)6
Cardwell-Harrison
Overlay
Madison County
8.998 Miles

Raymond M. Grant
Designer III
Butte, MT
Estimated Completion Date:
Oct. 1, 1980

There was no work during the period awaiting a decision as to the amount of guardrail to be incorporated into the project. Design of the project as a whole remains 50% complete with 52 man days used to date.

RS 393-1(2)
Basin Creek Road
Design
2.85 Miles
Silver-Bow County

Raymond M. Grant
Designer III
Butte, MT
Estimated Completion Date:
Oct. 10, 1980

Design work on the project as a whole is 54% complete. Design work on the project has been suspended until the County of Butte-Silver Bow re-evaluates their road building priorities.

RS 441-1(1)0
Gregson Road
Design
Silver-Bow County
2.969 Miles

Raymond M. Grant
Designer III
Butte, MT
Completion Date: Jan. 16, 1980

Final plans along with all design data were sent to Helena on Jan. 16, 1980.

S 549-1(1)0
Whitehall-Jefferson Island
Design
3.920 Miles
Jefferson & Madison Counties

Raymond M. Grant
Designer III
Butte, MT
Probable Completion Date:
Unknown

It is anticipated that design work will resume on the project when the topography has been updated. The mylar & profile plotted, the plan & profile linens traced & the cross-sections plotted & inked are all 100% complete. Design remains 10% complete with 40 man days used to date.

M 5807(1)
M 5807(2)
M 5815(1)
Last Chance G/Neill to Lyndale Ave.
Last Chance G/Lyndale to Montana Ave.
Cruse Ave. 6th to Lawrence
Location & Design
1.8 Miles
Lewis & Clark County

City of Helena
Helena, MT
Probable Completion Date:
April 3, 1981

PRECONSTRUCTION

M 5807(1)
M 5807(2)
M 5815(1) (cont'd)
Accomplished this report period: Advertised for informal Public Hearing set for Aug. 20, 1980. Requested "Determination of Significance" from City of Helena subject to park impact. Reviewed & passed through for comments "Cultural Resource Inventory". Developed property map for project M 5815(1).

BR 9022(8)
Boulder River Bridge
Location Survey
0.24 Miles
Jefferson County

Raymond M. Grant
Designer III
Butte, MT - Tel. 494-2723
Probable Completion Date:
Unknown

Work for the period consisted of plotting the profile & cross-sections & drawing the hardshell. Work also included the drawing of sections 5 & 8 of the bridge situation sheet (Form Hyd.-1). Plotting, checking & inking of the profile is 100% complete. Plotting, checking & inking the cross-sections is 65% complete. Drawing of the hardshell is 100% complete. A three man crew expended 7 man days for a total of 94 man days used on the location survey.

CONSTRUCTION

I 000B(2)U-6
Erosion Control on Divide
North & South
13.852 Miles
Silver-Bow County
Contract Let: Aug. 23, 1979
Bid Price: $357,657.39
Work Started: Sept. 9, 1979

Swan & Sons Constr., Inc.
Anaconda, MT
George Buckman, Manager
Field Project
Butte, MT - Tel. 494-4172
Contract Time: 50 Working Days
Completion Date:
July 14, 1980
Effective Opening Date: N/A

Final Inspection & Acceptance July 14, 1980. It is estimated that final data will be submitted to Helena on Feb. 6, 1981

I 000B(2)U-7
Cliff Benson Pit Reclamation
0.00 Miles
Powell County
Contract Let: May 28, 1980
Bid Price: $21,489.10
Work Started: June 19, 1980

Triangle Const. & Engineering
Anaconda, MT
George Buckman, Manager
Field Project
Butte, MT - Tel. 494-4172
Contract Time: 30 Working Days
Probable Completion Date:
Oct. 31, 1980
Effective Opening Date: N/A

Project is complete except for the seeding which will be accomplished this Fall. Project as a whole is 99% complete with 83% of the contract time elapsed.

F FF 8-2(5)46 U-2
East Helena East & West
Grading, Agg. Surf., Cem.
Treated Base, Lighting & a
Dual Prestressed Conc. Girder Bridge
7.0 Miles
Lewis & Clark County
Contract Let: Aug. 11, 1977
Bid Price: $4,596,878.30
Work Started: Sept. 28, 1977

Zook Brothers Constr., Co.
Great Falls, MT
Robert Wilson, Manager
Field Project (Road)
Butte, MT - Tel. 723-5233
Albert Reather, Manager
Field Project (Bridge)
Boulder, MT - Tel. 225-4330
Contract Time: 200 Working Days
Completion Date:
June 11, 1979
Effective Opening Date: 11/2/78

Final Data was sent to Helena on Aug. 28, 1980.

F 8-2(17)44
Signal Modification-Int. of
Montana Ave. with 11th Ave. & Prospect Ave. -
Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 3, 1979
Bid Price: $41,030.00
Work Started: March 24, 1980

Pacemaker Industries, Inc.
Spokane, Wash.
Carl Engstedt, E.T. 3
Helena, MT - Tel. 449-3031
Contract Time: 30 Working Days
Probable Completion Date:
Sept. 12, 1980
Effective Opening Date: N/A

The only remaining work to be done is to raise one signal up to legal height. Project as a whole is 99% complete with 100% of the contract time elapsed.

F 8-2(18)45
Intersection Improvement, 11th Ave.
& Fee St., - Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 3, 1979
Bid Price: $119,573.00
Work Started: Oct. 1, 1979

Skinner Enterprises
Helena, MT
Carl Engstedt, E.T.3
Helena, MT - Tel. 449-3031
Contract Time: 30 Working Days
Completion Date:
July 9, 1980
Effective Opening Date: N/A

Final Inspection & Acceptance July 16, 1980. It is estimated that final data will be submitted to Helena on Dec. 19, 1980.

F 8-4(1)77 U-1
Plant Mix Overlay-Townsend-Toston
9.7 Miles
Broadwater County
Contract Let: Sept. 29, 1977
Bid Price: $643,415.70
Work Started: Oct. 4, 1978

Meyer Constr., Co.
Billings, MT
Jack Erickson, Manager
Field Project
Butte, MT - Tel. 494-4172
Contract Time: 90 Working Days
Completion Date:
Oct. 30, 1979
Effective Opening Date: 11/29/78

Checking of final data is progressing in division office. It is estimated that final data will be submitted to Helena on Sept. 26, 1980.

I IG 15-1(44)0 &
I IG 15-1(46)9 U-1
Monida North & Lima(South Section)
Add 2 Lanes, Signing & Structures
12.6 Miles
Beaverhead County
Contract Let: Aug. 24, 1978
Bid Price: $6,673,310.83
Work Started: Oct. 16, 1978

General Constr., Co.
Butte, MT
Irvin Broell, Manager
Field Project (Road)
Lima, MT - Tel. 276-3403
Harold Wiebe, Manager
Field Project (Bridge)
Lima, MT - Tel. 276-3578
Contract Time: 200 Working Days
Probable Completion Date:
Nov. 16, 1980
Effective Opening Date:

ROAD
No Report Received. Project as a whole is 57% complete with 71% of the contract time elapsed. Construction layout as a whole is 95% complete, with 5 engineers & 9 inspectors engaged.
BRIDGES
No Report Received. Percentages complete for the items are as follows: Class AD Concrete 85%; Reinforcing Steel 75%; Structure Excavation 85%; All Piling 100%; All Prestressed Beams 100%; Class BD Concrete 68%; Structural Steel 75%. The structures as a whole are 83% complete.

I IG 15-1(46)9 U-2
Lima-South(North Section)
Add 2 Lanes-Grading, Surfacing
& Construction 118.0' Prestressed
Conc. Girder O'Pass(Lima Int.) & a
481.0' Composite St'l & Conc. Girder
Bridge(Over UPRR)
4.4 Miles
Beaverhead County
Contract Let: May 3, 1979
Bid Price: $3,398,814.92
Work Started: May 16, 1979

General Constr., Co.
Butte, MT
Joseph Bettle, Manager
Field Project (Road)
Lima, MT - Tel. 276-3403
Harold Wiebe, Manager
Field Project (Bridges)
Lima, MT - Tel. 276-3578
Contract Time: 200 Working Days
Probable Completion Date:
Oct. 30, 1980
Effective Opening Date:

ROAD
No Report Received. Project as a whole is 60% complete with 54% of the contract time elapsed. Construction layout as a whole is 99% complete with 2 engineers & 1 inspector engaged.
BRIDGES
No Report Received. Percentages complete for the items are as follows: Furnished Steel Bearing Piles 98%; Drive Steel Bearing Piles 98%; Structural Excavation 48%; Class AD Concrete 82%; Class BD Concrete 19%; Reinforcing Steel 47%; Prestressed Beams Type A 35' & 45' 100%; Structural Steel 70%. Thestructures as a whole are 50% complete.

CONSTRUCTION

I 15-1(51)37 U-1
Structures & Approaches on
Armstead North & South
Construction of Prestressed Concrete
Girder Structures & Approaches
0.02 Miles
Beaverhead County
Contract Let: July 26, 1979
Bid Price: $506,064.63
Work Started: Sept. 18, 1979

Goodwin Constr., Co.
Blackfoot, Idaho
Robert Gilman, Manager
Field Project
Dillon, MT - Tel. 683-2471
Contract Time: 130 Working Days
Probable Completion Date: 9/30/80
Effective Opening Date: N/A

County Road Separation at SB Sta.183+73.12: Placed Concrete in Bent No.1 backwall. Stripping & Finishing Bents No.1 & No.4 backwalls & Spans No.1 thru No.3 end diaphrams. Forming base deck Spans No.1 thru No.3. Horse Prairie Interchange at Sta. 483+29.1: Applying first & second field coats of paint to steel bridge rail posts & pipe spacers & erection rail posts Spans No.1 thru No.3. Dressing up slopes under structure. Area cleanup. Percentages complete for the items are as follows: Traffic Control-Devices 29%; Traffic Control-Flagging 100%; Remove Guard Rail 100%; Unclassified Excavation 97%; Compaction Roadbed 98%; Haul 98%; Class AD Concrete 100%; Class BD Concrete 49%; End Span (Opp.II) 97%; Remove Existing Bent 100%; All Prestressed Beams 100%; Structural Steel 75%; Structure Excavation Type 1 98%; Treated Timber Piling & Prebore Holes 100%; Reinforcing Steel 66%; Steel Bridge Rail 60%; Relocate & Modify Steel Bridge Rail 77%; Protective Coat 40%; Culvert Excavation 100%; RCP 24" Class II 100%; Temporary Fencing 30%; Paint Striping 43%; Detour-Construction & Maintain 95%; Mobilization 90%. The contractor worked 9-8 hour shifts employing an average of 6 men. The project as a whole is 85.3% complete with 80.9% of the contract time elapsed.

I 15-1(51)37 U-2
Armstead North & South
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Seal & Cover
& a Prestressed Conc. Girder Bridge
5.9 Miles
Beaverhead County
Contract Let: Feb. 28, 1980
Bid Price: $3,399,704.18
Work Started: March 17, 1980

Zook Brothers Constr., Co.
Great Falls, MT
Frank Caprara Jr., Manager
Field Project (Road)
Dillon, Mt - Tel. 683-6290
Larry Brazda, Manager
Field Project (Bridges)
Dillon, MT - Tel. 683-2516
Contract Time: 190 Working Days
Probable Completion Date:
Nov. 28, 1980
Effective Opening Date:

ROAD
Contractor has 77% of 3" Base laid¢Blue Topped. Bridge ends hold this up from being complete. Contractor now crushing 1½" Base and placing on roadway, also laying it. Contractor placing topsoil in median 380 to 440. The contractor employed 49 men for 2-8 hour shifts. Project as a whole is 55% complete with 47% of the contract time elapsed. Construction layout as a whole is 75% complete with 3 engineers & 8 inspectors engaged.
BRIDGE
The contractor poured the deck @ Sta.166. Poured Bent 1 & Bt 4 x-beams & backfilled the same @ Sta.509. The contractor plans to pour barrier rails @ Sta.166, & also plans to set beams on Span 1 & Span 3. The contractor employed 12 men for 9-8 hour shifts. Bridge as a whole is 80% complete with 50% of the contract time elapsed. Construction layout as a whole is 90% complete with 4 engineers engaged.

I 15-1(52)46 U-1
Pipe Organ North & South
(Structures & Approaches)
0.029 Miles
Beaverhead County
Contract Let: Aug. 23, 1979
Bid Price: $1,395,719.03
Work Started: Dec. 5, 1979

General Constr., Co.
Butte, MT
Robert Gilman, Manager
Field Project
Dillon, MT - Tel. 683-2471
Contract Time: 220 Working Days
Probable Completion Date:
July 31, 1981
Effective Opening Date:

Bridge Over Beaverhead River at SB Sta.562+42.0: Stripping & finishing Bent No.5 crossbeam. Construction Work Bridge Over Beaverhead River. Bridge Over Beaverhead River at SB Sta.764+36.1: Excavating Bent No.1 Forming, Placing & Tying Reinforcing Steel, & Placed Concrete in Bent No.1 footings & columns. Stripping & finishing Bent No.1 footings & columns. Backfilling Bent No.1 Forming, placing & tying Reinforcing Steel for Bent No.1 crossbeams. Bridge Over Beaverhead River on K-Line at Sta.764+80.0: Constructural of Shoring & Crib for Pier No.3. Excavating Bent No.1 footings. Percentages complete for the items are as follows: Unclassified Excavation 82%; Compaction Roadbed 83%; Haul 83%; Culvert Excavation 85%; Bedding Material 85%; Relay Pipe Culvert 100%; CSP 24" 0.079 86%; Traffic Control-Flagging 13%; Traffic Control-Devices 63%; Class AD Concrete 46%; Prestressed Beams Type A 60 Ft. 55%; Structural Steel 28%; Structure Excavation Type 1 85%; Structure Excavation Type II 40%; Shoring & Crib 55%; All Piling 63%; Reinforcing Steel 15%; Work Bridge 80%; Cost of Training Program 25%; Mobilization 60%. The contractor worked 10-8 hour shifts employing an average of 11 men. The project as a whole is 29.5% complete with 37.3% of the contract time elapsed.

I 15-1(54)51 U-1
Pipe Organ-North(Structures)
Construction of Concrete Girder Bridge (2)
0.00 Miles
Beaverhead County
Contract Let: Oct. 25, 1979
Bid Price: $545,970.50
Work Started: May 6, 1980

Goodwin Constr., Co.
Blackfoot, Idaho
Larry Brazda, Manager
Field Project
Dillon, MT - Tel. 683-2516
Contract Time: 185 Working Days
Probable Completion Date:
Nov. 21, 1980
Effective Opening Date:

The contractor has completed the structure except for finishing & cleanup @ Sta.417. The contractor has been driving sheets for cofferdam for Pier 3 @ Sta.936. The contractor plans to excavate & pour footings for Pier 3 during the next period. Contractor employed 8 men for 9-8 hour shifts. Project as a whole is 32% complete with 50% of the contract time elapsed. Construction layout as a whole is 45% complete with 4 engineers engaged.

I 15-1(54)51 U-3
Structure on Pipe Organ-North
Construction of a Prestressed Concrete
Girder Bridge
0.034 Miles
Beaverhead County
Contract Let: April 3, 1980
Bid Price: $414,447.05
Work Started: May 27, 1980

Morgen & Oswood Constr.Co., Inc.
Great Falls, MT
Larry Brazda, Manager
Field Project
Dillon, MT - Tel. 683-2516
Contract Time: 150 Working Days
Probable Completion Date:
Nov. 19, 1980
Effective Opening Date: N/A

I 15-1(54)51 U-3 (cont'd)
The contractor has driven sheets to grade & poured the footing for Pier 3. The contractor plans to pour the pier shaft for Pier 3. Contractor employed 5 men for 9-8 hour shifts. Project as a whole is 19% complete with 50% of the contract time elpased. Construction layout as a whole is 90% complete with 4 engineers engaged.

IR 15-1(62)1 U-2 &
IR 90-3(50)184 U-2
Replacement of Sliding Plate
Expansion Joints
0.00 Miles
Powell, Silver-Bow, Jefferson &
Lewis & Clark Counties
Contract Let: June19, 1980
Bid Price: $566,000.00
Work Not Started

Pacemaker Industries, Inc.
Spokane, Wash.
Clare Sands, E.T.3
Butte, MT - Tel. 494-2723
Contract Time: 120 Working Days
Probable Completion Date:
June 15, 1981
Effective Opening Date: N/A

A Preconstruction Construction was held August 1, 1980. The contractor will start work as soon as the Elastomeric Expansion Joint material arrives. Project as a whole is 0% complete with 0% of the contract time elapsed.

I 15-2(44)131 &
I 15-3(39)134
Butte-North & Woodville-North
Pl. Mix Surf., Seal & Cover
12.3 Miles
Silver-Bow & Jefferson Counties
Contract Let: Aug. 23, 1979
Bid Price: $419,381.20
Work Started: Feb. 8, 1980

Jim Gilman Exc., Inc.
Butte, MT
Jack Erickson, Manager
Field Project
Butte, MT - Tel. 494-4172
Contract Time: 100 Working Days
Probable Completion Date:
June 12, 1981
Effective Opening Date; N/A

On 8/13/80 Prime-Contractor(Gilman Excavating)began paving NB Lane @ Sta.9+05 & completed to Sta.374+00+- on 8/26/80. Will complete all Mainline paving on Woodville North project and proceed to paving Butte North section, followed with paving of the Fr.Rd. & Ramps on Woodville North. No seal coat operations are anticipated this construction season. Contractor employed 24 men for 9-12 hour shifts. Project as a whole is 42% complete with 44% of the contract time elapsed. Construction layout as a whole is 78% complete with 1 engineer & 7 inspectors engaged.

I 15-3(29)160 U-2
Structure & Approaches on
The Basin-Boulder Road
Construction of Dual Prestressed
Concrete Girder Bridge (2)
0.032 Miles
Jefferson County
Contract Let: May 31, 1979
Bid Price: $577,140.45
Work Started: July 9, 1979

McIntyre Constr., Co.
Great Falls, MT
Albert Reather, Manager
Field Project
Boulder, MT - Tel. 225-4330
Contract Time: 160 Working Days
Completion Date:
May 5, 1980
Effective Opening Date: N/A

Final Data is in Division Office but checking has not started. It is estimated that final data will be submitted to Helena on Nov. 14, 1980.

CONSTRUCTION

I 15-3(29)160 U-3
Structure & Approaches on
Boulder-West Road
Construction of Precast Concrete
Girder Bridge (4)
0.111 Miles
Jefferson County
Contract Let: May 31, 1979
Bid Price: $1,616,808.00
Work Started: Aug. 8, 1980

Morgan & Oswood Const.Co.,Inc.
Great Falls, MT
Albert Reather, Manager
Field Project
Boulder, MT - Tel. 225-4330
Contract Time: 220 Working Days
Probable Completion Date:
Oct. 17, 1980
Effective Opening Date: N/A

1456 SB: Stripping of deck & minor finishing work. 1456 NB: Stripping of deck & placed all of barriers on LT. & RT. 1412 NB: Finished forming deck, are in the process of tying deck steel. 1412 SB: Forming deck & diaphragms. 1468: No work on this structure. The contractor employed 15 men for 9-8 hour shifts. Project as a whole is 94% complete with 80% of the contract time elapsed. Construction layout as a whole is 90% complete with 4 engineers engaged.

I 15-3(29)160 U-4
Structure & Approaches on the
Boulder-West Road
Construction of a Dual Concrete
Slab Bridge & Approaches
0.015 Miles
Jefferson County
Contract Let: May 31, 1979
Bid Price: $307,941.15
Work Started: July 17, 1979

Frontier West Inc.
Missoula, MT
Albert Reather, Manager
Field Project
Boulder, MT - Tel. 225-4330
Contract Time: 130 Working Days
Completion Date:
June 7, 1980
Effective Opening Date: N/A

Final Data is in Division Office but checking has not started. It is estimated that final data will be submitted to Helena on Nov. 28, 1980.

I 15-3(29)160 U-5
I 15-3(31)164 & I IG 15-3(32)157 U-2
Boulder-West, Boulder Interchange
Ramp Revision & Basin-East
Highway & Structures
5.4 Miles
Jefferson County
Contract Let: June 19, 1980
Bid Price: $12,424,462.39
Work Started: Aug. 11, 1980

Peter Kiewit Sons', Co.
Billings, MT
Bill Bork, Manager
Field Project (Road)
Boulder, MT - Tel. 225-3962
John McGeever, Manager
Field Project (Road)
Butte, MT - Tel. 792-1797
Albert Reather, Manager
Field Project (Structures)
Boulder, MT - Tel. 225-4330
Contract Time: 280 Working Days
Probable Completion Date:
July 16, 1982
Effective Opening Date:

Contractor is currently clearing Sta.1280 to 1350 & burning in several pits. Drilling crews are drilling & blasting boulder on top of cut Sta.1282 & preparing cut for air-tracs. Contractor employed 29 men for 10-8 hour shifts. Project as a whole is 1% complete with 1% of the contract time elapsed. Construction layout as a whole is 67% complete with 12 engineers & 5 inspectors engaged.

I IG 15-3(32)157 U-1
Structure Basin-East
Construction of a Prestressed Concrete
Girder Bridge
0.02 Miles
Jefferson County
Contract Let: May 31, 1979
Bid Price: $317,475.62
Work Started: July 17, 1979

Goodwin Const., Co.
Blackfoot, Idaho
Albert Reather, Manager
Field Project
Boulder, MT - Tel. 225-4330
Contract Time: 130 Working Days
Completion Date:
July 16, 1980
Effective Opening Date: N/A

Final Inspection & Acceptance July 16, 1980. It is estimated that final data will be submitted to Helena on Dec. 19, 1980.

F 19-1(7)7
Park Ave. - Anaconda
Grading, Agg. Surf., Plant Mix
Bit. Base, Pl. Mix Bit. Surfacing
Seal & Cover, Lighting & Traffic Signals
1.2 Miles
Deer Lodge County
Contract Let: Sept. 28, 1978
Bid Price: $993,662.00
Work Started: May 7, 1979

Jim Gilman Exc., Inc.
Butte, MT
John McGeever, Manager
Field Project
Butte, MT - Tel. 792-1797
Contract Time: 90 Working Days
Completion Date:
June 30, 1980
Effective Opening Date: 10/8/79

Checking of Final Data is progressing in Division Office. It is estimated that final data will be submitted to Helena on Nov. 21, 1980.

HES 29-4(5)75
Pipestone Pass-North
Installation of Traffic Control
Devices on US-10
8.9 Miles
Silver-Bow & Jefferson Counties
Contract Let: Oct. 25, 1979
Bid Price: $7,818.00
Work Started: May 15, 1980

Western Sign Corporation
Great Falls, MT
Jack Erickson, Manager
Field Project
Butte, MT - Tel. 494-4172
Contract Time: 15 Working Days
Completion Date:
May 27, 1980
Effective Opening Date: N/A

Checking of Final data is progressing in Division Office. It is estimated that final data will be submitted to Helena on Oct. 24, 1980.

F 29-4(6)86
Yale Ave. to Cornell Ave.
on Harrison Ave. - Butte
Intersection Improvements
0.00 Miles
Silver-Bow County
Contract Let: Oct. 25, 1979
Bid Price: $97,672.50
Work Started: April 24, 1980

Pacemaker Industries Inc.
Spokane, Wash.
John McGeever, Manager
Field Project
Butte, MT - Tel. 792-1797
Contract Time: 45 Working Days
Completion Date:
July 2, 1980
Effective Opening Date:N/A

Final Data is in Division Office but checking has not started. It is estimated that final data will be submitted to Helena on Nov. 14, 1980.

F 49-2(2)16
Twin Bridges-South
Pl. Mix Bit. Surf., Overlay
10.3 Miles
Madison County
Contract Let: July 27, 1978
Bid Price: $602,068.85
Work Started: Oct. 30, 1978

Meyer Const., Co.
Billings, MT
Jack Erickson, Manager
Field Project
Butte, MT - Tel. 494-4172
Contract Time: 90 Working Days
Completion Date:
Aug. 25, 1979
Effective Opening Date: N/A

Final Data is in the Division Office but checking has not started. It is estimated that final data will be submitted to Helena on Dec. 5, 1980.

I IG 90-3(27)172 U-1
Garrison East & West(West Section)
The Construction of a 590.83' Avg.
Length Dual Composite Steel &
Concrete Girder Bridge (Over Burlington
Northern, Inc.)
0.1 Miles
Powell County
Contract Let: May 26, 1977
Bid Price: $1,985,384.05
Work Started: July 27, 1977

General Const., Co.
Butte, MT
Loren Matkin, Manager
Field Project
Dillon, MT
Contract Time: 280 Working Days
Completion Date:
Nov. 6, 1979
Effective Opening Date: N/A

Final Inspection & Acceptance Nov. 30, 1979. It is estimated that final data will be submitted to Helena on Dec. 26, 1980.

I IG 90-3(27)172 U-2&F 88-1(1)1
Garrison East & West(West Section)
& Garrison Interstate Connection
Grading, Agg. Surf., Pl. Mix Bit.
Surf., Signing & Lighting on 4.2 Miles
of Project I IG 90-3(27)172 U-2
& Widening, Pl. Mix Bit. Surf.,
Signing & Lighting on 0.7 Miles
of Project F 88-1(1)1
4.9 Miles
Powell County

Contract Let: Sept. 29, 1977
Bid Price: $4,981,295.99
Work Started: Nov. 15, 1977
Washington Const., Co.
Missoula, MT
Bill Bork, Manager
Field Project
Boulder, MT - Tel. 225-3962
Contract Time: 250 Working Days
Completion Date:
July 23, 1980
Effective Opening Date: 11/20/79

Final Inspection & Acceptance July 23, 1980. It is estimated that final data will be submitted to Helena on Feb. 16, 1981.

CONSTRUCTION

I IG 90-3(27)172 U-3
Structure on Garrison East & West(West Section)
Construction of a Dual 692.5' Avg. Prestressed Concrete Girder Bridge (Over B.N.R.R.) a Dual 131.5' Prestressed Concrete Girder Bridge(Little Blackfoot River)
0.156 Miles
Powell County
Contract Let: Sept. 29, 1977
Bid Price: $1,922,459.45
Work Started: Jan. 11, 1978

General Constr., Co.
Butte, MT
Loren Matkin, Manager
Field Project
Dillon, MT
Contract Time: 250 Working Days
Completion Date:
Nov. 30, 1979
Effective Opening Date: ;N/A

Final Data is in Division Office but checking has not started. It is estimated that final data will be submitted to Helena on Jan. 16, 1981.

IR 90-3(46)180
Deer Lodge-North & South
Plant Mix Overlay
8.6 Miles
Powell County
Contract Let: June 28, 1979
Bid Price: $1,199,967.70
Work Started: Aug. 15, 1979

Meyer Const. , Co.
Billings, MT
Claude Flynn, Manager
Field Project
Butte, MT - Tel. 494-2723
Contract Time: 70 Working Days
Probable Completion Date:
Nov. 14, 1980
Effective Opening Date: N/A

No work the past period. Pit Reclamation remains to be completed. Project as a whole is 99% complete with 80% of the contract time elapsed. Construction layout as a whole is 100% complete.

I 90-3(48)176
Garrison East & West(East Section)
Pl. Mix Surfacing, Seal & Cover
3.3 Miles
Powell County
Contract Let: March 29, 1979
Bid Price: $366,706.75
Work Started: May 9, 1979

Zook Brothers Constr., Co.
Great Falls, MT
Claude Flynn, Manager
Field Project
Butte, MT - Tel. 494-2723
Contract Time: 60 Working Days
Completion Date:
Aug. 19, 1979
Effective Opening Date: N/A

Checking of final data is progressing in Division Office. It is estimated that final data will be submitted to Helena on Nov. 18, 1980.

I 90-3(53)193 & I 90-4(34)194
Racetrack-North & South
Warm Springs-North & South
Pl. Mix Surf., Seal & Cover
12.2 Miles
Powell & Deer Lodge Counties
Contract Let: Aug. 23, 1979
Bid Price: $1,359,963.00
Work Started: Sept. 25, 1979

Jim Gilman Exc. Co., Inc.
Butte, MT
Claude Flynn, Manager
Field Project
Butte, MT - Tel. 494-2723
Contract Time: 100 Working Days
Completion Date:
Aug. 8, 1980
Effective Opening Date: N/A

I 90-3(53)193 & I 90-4(34)194 (cont'd)
Final Inspection & Acceptance is pending. It is estimated that final data will be submitted to Helena on Jan. 30, 1981.

I 90-5(33)264
Milligan Canyon to Jct. 287
Pl. Mix Bit. Overlay & Assoc. Work
10.5 Miles
Jefferson & Broadwater Counties
Contract Let: July 17, 1978
Bid Price: $5,027,682.09
Work Started: March 19, 1979

McIntyre Constr., Co.
Great Falls, MT
Frank Caprara Jr., Manager
Field Project
Dillon, MT - Tel. 683-6290
Contract Time: 200 Working Days
Probable Completion Date:
Oct. 31, 1980
Effective Opening Date: 10/18/79

Only seeding remains. This will be accomplished after Oct. 15, 1980.

I 90-5(40)233 U-1
Homestake Pass-Safety
Grading, Surfacing & Signing
Of A Truck Escape Ramp
0.00 Miles
Jefferson County
Contract Let: July 24, 1980
Bid Price: $1,179,021.95
Work Not Started

Clark Brothers Contractors
Victor, MT
Robert Wilson, Manager
Field Project (Road)
Butte, MT - Tel. 723-5233
Contract Time: 100 Working Days
Probable Completion Date:
May 29, 1981
Effective Opening Date: N/A

Preconstruction Conference has not been held.

I 90-5(41)233
Sewer Improvements
Homestake Rest Area
0.00 Miles
Jefferson County
Contract Let: May 28, 1980
Bid Price: $275,990.00
Work Started: July 15, 1980

Jim Gilman Exc. Co., Inc.
Butte, MT
Robert Wilson, Manager
Field Project
Butte, MT - Tel. 723-5233
Contract Time: 110 Working Days
Probable Completion Date:
Oct. 17, 1980
Effective Opening Date: N/A

Work the past period consisted of boring under Interstate. Contractor employed 6 men for 10-8 hour shifts. Project as a whole is 7% complete with 30% of the contract time elapsed. Construction layout as a whole is 50% complete.

HHS 280-1(2)U-2
Traffic Control Devices
Warren School Curves
0.00 Miles
Lewis & Clark County
Contract Let: May 31, 1979
Bid Price: $16,765.40
Work Started: April 17, 1980

LaSalle Constr., Co.
Havre, MT
Carl Engstedt, E.T.3
Helena, MT - Tel. 449-3031
Contract Time: 45 Working Days
Probable Completion Date:
Sept. 30, 1980
Effective Opening Date: N/A

HHS 280-1(2)U-2 (cont'd.)
No work the past period. Waiting for materials. Project as a whole is 77% complete with 16% of the contract time elapsed. Construction layout as a whole is 100% complete.

M 0299(3)
Anaconda Urban System
Grading, Pl. Mix Bit. Base,
Pl. Mix Bit. Surf. & Signing
2.8 Miles
Deer Lodge County
Contract Let: April 28, 1977
Bid Price: $966,307.40
Work Started: July 17, 1977

Zook Brothers Constr., Co.
Great Falls, MT
George Buckman, Manager
Field Project
Butte, MT - Tel. 494-4172
Contract Time: 120 Working Days
Completion Date:
Nov. 8, 1978
Effective Opening Date: 5/19/78

Final data has not been received in Division Office. It is estimated that final data will be sent to Helena on December 12, 1980.

BRS 361-1(3)17
Structure & Approaches
West of Twin Bridges
Construction of prestressed concrete
Girder Bridge & Grading, Agg. Surf.,
& Road Mix Surf., of the approaches
0.2 Miles
Madison County
Contract Let: Sept. 28, 1977
Bid Price: $557,136.64
Work Started: Nov. 4, 1977

McIntyre Constr., Co. &
S. Birch, Inc.
Great Falls, MT
Harold Wiebe, Manager
Field Project
Lima, MT - Tel. 276-3578
Completion Date:
July 10, 1979
Effective Opening Date: 10/31/78

Final data is in Division Office but checking has not been started. It is estimated that final data will be submitted to Helena on November 16, 1980.

RS BRS 441-1(3)0 U-1
Gregson (Structure)
Construction of a prestressed concrete
Girder Bridge
0.00 Miles
Silver-Bow County
Contract Let: Nov. 29, 1979
Bid Price: $238,690.00
Work Started: Feb. 28, 1980

COP Constr., Co.
Billings, MT
Clare Sands, E.T. 3
Butte, MT - Tel. 494-2723
Contract Time: 110 Working Days
Probable Completion Date:
Aug. 29, 1980
Effective Opening Date: N/A

Final inspection was conducted Aug. 1, 1980. At this inspection it was decided that the contractor should do some grinding on the deck slab, do some landscaping on temporary road to work area and close a fence opening. The contractor has not indicated when this work will be done. Contract time elapsed is 55%. Project as a whole is 99% complete with 54% of the contract time elapsed. Construction layout as a whole is 100% complete with 2 engineers engaged.

M 5816(3)
Broadway-Helena
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Sidewaks & related items
0.9 Miles
Lewis & Clark County
Contract Let: Aug. 11, 1977
Bid Price: $477,717.13
Work Started: Sept. 12, 1977

Dugdale Constr. Co., Inc.
Butte, MT
Carl Engstedt, E.T.3
Helena, MT - Tel. 449-3031
Contract Time: 110 Working Days
Completion Date:
May 15, 1979
Effective Opening Date: N/A

Checking of final data is progressing in Division Office. It is estimated that final data will be submitted to Helena on October 10, 1980.

Gary B. Gibson

KENNETH G. RAPP, P. E.
SUPERVISOR DIVISION CONSTRUCTION SECTION

KGR/GBH/MJJ/ejb

August 29, 1980

P.O. Box 1110
Bozeman, MT 59715

Department of Highways
Helena, MT 59601

Gentlemen:

Following is a report covering Construction and Preconstruction operations in the Bozeman Division for the two-week period ending August 29, 1980. Temperatures ranged between 48° and 93° and rain hampered construction operations throughout the Division at various times.

P R E C O N S T R U C T I O N

F 11-1(1)54
Park Street - Livingston
Length - 1.6 Miles

William G. Shuyler, FPM
Phone 222-1795 Livingston

All requested field work has been completed.

F 13-1( )24
8 Mi. So. of Cameron - South
Length - 9.0 Miles

Engineer Unassigned

All requested field work has been completed.

F 13-1( )30
3 Mi. So. of Cameron - South
Length - 5.0 Miles

Ole F. Olson, FPM
Phone 586-5074 Bozeman

All requested field work has been completed.

F 13-1(4)56
Norris Hill
Length - 9.0 Miles

Design - Alpha Engineers, Inc.
Completion: 12-12-79

The design of this project has been completed.

F 29-1(8)0 U-1
West of Ennis
Length - 7.7 Miles

Engineer Unassigned

No information has been requested from the field to date.

F 50-2(4)79
Bozeman - West
Approx. Length - 9.0 Miles

Thomas, Dean & Hoskins, Inc.
Great Falls, Montana
Consulting Engineers

The last report received from the consulting engineer indicating progress, showed that the design is now 85% complete.

F 59-1(5)7
Clyde Park - So.
Length - 7.3 Miles

Donald J. Coughlin, FPM
Phone 222-7737 Livingston

This project is presently scheduled for the December 1980 letting.

HES 86-1( )1
Int. of FAP 86 & FAS 536

Ole F. Olson, FPM
Phone 586-5074 Bozeman

All requested field work has been completed.

F 86-1(3)23
Park County Line - South
Length - 8.1 Miles

Donald J. Coughlin, FPM
Phone 222-7737 Livingston

All requested field work has been completed.

F 86-1(4)18
Battle Ridge No. & So.
Length - 6.1 Miles

Larry O. Williams, Designer III
Phone 586-9562 Bozeman
Estimated Completion: Feb. 1981

This project will be ready for the final Plan-in-hand inspection as soon as the final hydraulic recommendations are received. The design of this project remains 60% complete.

F 86-1(5)3
Bridger Canyon Road
Length - 1.8 Miles

Larry O. Williams, Designer III
Phone 586-9562 Bozeman
Estimated Completion: Jan. 1981

The design of this project remains 30% complete, 73½ man days have been expended to date. This period 15½ man days were expended preparing plans and cross sections for the preliminary PIH which will be held the latter part of September 1980.

I 90-6(36)315 U-3
Bozeman Pass - West, Rest Area

Engineer Unassigned

No information has been requested from the field to date.

IR 90-6(38)309
Rocky Canyon Overlay
Length - 5.3 Miles

Engineer Unassigned

The survey data requested at the field review on April 23,1980, will be obtained as soon as a crew becomes available.

I 90-7(21)339
Springdale - West
Length - 9.2 Miles

Roger E. Blossom, PE, FPM
Phone 932-3515 Big Timber

The final Plan-in-hand inspection was held on August 28 and 29, 1980.

I 90-7(36)318 U-2
Bozeman Pass - East, Rest Area

Engineer Unassigned

All work requested from the field has been completed.

I 90-7(37)350
Springdale - Big Timber (W. Section)
Length - 7.8 Miles

George A. Sitton, FPM
Phone 932-2485 Big Timber

This project is presently scheduled for the November 20, 1980, letting.

HES 205-1(2)28 U-2
North of Bozeman
Right Turn Lane

Ole F. Olson, FPM
Phone 586-5074 Bozeman

This project is presently scheduled for the November 20, 1980, letting.

RS 411-1(1)0
Springhill Road
Length - 5.3 Miles

Ole F. Olson, FPM
Phone 586-5074 Bozeman

All field work requested to date has been completed.

S 487-1(1)0
Big Timber - North & East
Approx. Length - 9.1 Miles

Larry O. Williams, Designer III
Phone 586-9562 Bozeman
Estimated Completion: 1981

There has been no work on this design this period and it remains 40% complete with a total of 167 man days expended.

RS 540-1(1)0
East River Road - Park County
Length - 23.0 Miles

Engineer Unassigned

A meeting was held on May 21, 1980, with the Park County Commissioners to discuss the various alternates for this project.

RS-BRS 563-1(3)0 U-2
Springdale - Hunters Hot Springs
Length - 1.0 Mile

Donald J. Coughlin, FPM
Phone 222-7737 Livingston

This project is currently scheduled for the November 20, 1980, letting.

M 1201(1)
North 19th - Bozeman, Design
Approx. Length - 0.4 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, Montana

The final Plan-in-hand inspection was held on May 13, 1980, and the Plan-in-hand report has been approved.

M 1202(1)
Oak Street - Bozeman
Approx. Length - 0.8 Mile
Survey Started: July 26, 1976

Engineer Unassigned

All requested field work has been completed.

M 1212(1)
Kagy Lane from Willson to Highland
Design Bozeman
Approx. Length - 1.1 Miles

Thomas, Dean & Hoskins, Inc.
Bozeman, Montana

Thomas, Dean & Hoskins is presently redesigning this project.

M 1212(4)
Kagy from 3rd to 19th - Bozeman
Length - 1.0 Mile

Engineer Unassigned

This location survey has not been started to date.

M 7406(1)
Main, Chinook & Gallatin - Livingston
Design Approx. Length - 1.3 Miles

Morrison-Maierle, Inc.

Design of this project is now 100% complete.

CONSTRUCTION

F 59-1(4)14 U-1
Clyde Park - North
One 151.5' Prestressed Concrete Girder Bridge
Contract Awarded: June 29, 1979
Contract Amount: $378,665.00
Proceed Order Date: July 20, 1979
Work Started: September 17, 1979

COP Construction Company
Billings, Montana
Jerry R. Branum, FPM
No Phone Livingston
Contract Time: 130 Working Days
Effective Opening Date: N. A.
Completion Date: June 6, 1980

One man has been working on the preparation of the final estimate and supporting data. The final estimate is now 95% complete with an estimated date of submittal to the Division Office of September 12, 1980.

F 59-1(4)14 U-2
Clyde Park - North
GR., AGG. Surf. Pl. Mix Surf.
Length - 6.2 Miles
Contract Awarded: December 6, 1979
Contract Amount: $2,537,329.50
Proceed Order Date: April 16, 1980
Work Started: February 19, 1980

Wickens Brothers
Lewistown, Montana
Donald J. Coughlin, FPM
Phone 222-7737 Livingston
Contract Time: 140 Working Days
Probable Completion: Oct. 31, 1980
Effective Opening Date:

Progress has been fair with the contractor employing 43 men and working double nine hour shifts five days a week. The contractor has been performing grading and finishing operations between Sta. 359 and Sta. 630. The contractor moved 72,000 c.y. of unclassified excavation during the past two weeks, bringing this item to 72% complete. The contractor was placing 1½" base course aggregate between Sta. 351 and Sta. 394, and between Sta. 428 and Sta. 472, between Sta. 476 and Sta. 484, also between Sta. 502 and Sta. 560. The contractor placed 17,000 tons of 1½" material, bringing this item to 9% complete. Installed was 1,042 l.f. of various size culverts. A 17 man engineering crew is assigned to this project which is 49% complete with 64% of the contract time elapsed. The contractor has 51 working days of contract time remaining.

F 64-1(4)3 U-2
US 191 - Big Sky Spur
GR., Dr., AGG., Surf., Pl. Mix Surf.
Length - 6.1 Miles
Contract Awarded: August 24, 1979
Contract Amount: $4,095,893.40
Proceed Order Date: September 14, 1979
Work Started: September 21, 1979

Rehbein Contracting, Inc.
Plains, Montana
Harold G. Heath, FPM
Phone 995-4856 Big Sky
Contract Time: 180 Working Days
Probable Completion: July 31, 1981
Effective Opening Date:

The contractor has been performing grading and graveling operations on the first 3½ miles of the project. Plans are to begin plant mix operations sometime next week. A 20 man engineering crew is assigned to this project. As of August 16, 1980, the contractor had 90 working days of contract time remaining.

IR 90-3(50)184 U-1
Replacement of sliding plate expansion joint
(Gallatin and Park Counties)
Contract Awarded: May 30, 1980
Contract Amount: $731,524.00
Proceed Order Date: June 25, 1980
Work Started:

Skinner Enterprises
Helena, Montana
Jerry R. Branum, FPM
No Phone Livingston
Contract Time: 150 Working Days
Probable Completion:
Effective Opening Date: N. A.

The preconstruction conference was held in the Billings Division Office on August 22, 1980.

I 90-6(30)309, I 90-6(36)315 U-2
I 90-7(38)318
Rocky Canyon Safety, Bozeman Pass - West and Bozeman Pass - East (W. Section)
Grade, Agg. Surf., Plant Mix Base, Structures
Length - 7.1 Miles
Contract Amount: $9,845,688.09
Proceed Order Date: June 22, 1976
Work Started: July 6, 1976

Goodfellow Brothers, Inc.
Wenatchee, Washington
Ross M. Johnson, FPM - Grade
Phone 932-3722 Big Timber
Jerry R. Branum, FPM - Structures
Contract Time: 300 Working Days
Completion Date: 9-6-79
Effective Opening Date: 9-6-79
Contract Awarded: May 28, 1976

Three men have been working on the preparation of the final estimate and supporting data which is now 99% complete with an estimated date of submittal to the Division Office of September 5, 1980.

I 90-6(42)315 & I 90-7(44)318
Boz. Pass - West; Boz. Pass - East
Plant Mix Overlay
Length - 11.6 Miles
Contract Awarded: October 2, 1979
Contract Amount: $3,614,999.31
Proceed Order Date: 10-26-79
Work Started: June 10, 1980

Zook Brothers Construction Co.
Great Falls, Montana
Ole F. Olson, FPM
Phone 586-5074 Bozeman
Contract Time: 120 Working Days
Probable Completion: 10-15-80
Effective Opening Date:

Progress has been good with the contractor working five twelve-hour shifts per week. Paving operations are in progress between Sta. 0+00 and Sta. 252+00 on both the eastbound and westbound lanes. The contractor placed 15,000 tons of plant mix bituminous surfacing on the roadway, bringing this item to 29% complete. A 17 man engineering crew is assigned to this project which is 33% complete with 68% of the contract time elapsed. The contractor has 38 working days of contract time remaining.

I 90-7(35)364 U-2, I 90-7(35)364 U-4
I 90-7(34)375
Big Timber - Greycliff (E. Section)
Greycliff - East Access Road
G., Strs, @ Sta. 580+, 620, 680, 690
GS, PMS
G, GS, PMS
Length - 5.5 Mi., 6.4 Mi., 0.4 Mi.
Contract Awarded: April 11, 1979
Contract Amount: $5,633,978.53
Proceed Order Date: May 2, 1979

Clark Brothers Construction
Victor, Montana
Roger E. Blossom, PE, FPM, Grade
Phone 932-3515 Big Timber
Ronald T. Hoyem, FPM, Structures
Phone 932-3272 Big Timber
Probable Completion: Oct. 31, 1980
Contract Time: 240 Working Days
Effective Opening Date:
Work Started: May 2, 1979

Progress has been fair with the contractor employing an average of 23 men. Plant mix operations were completed on August 19, 1980, and sealing operations were completed on August 25, 1980. Four men are presently working on the installation of guardrail. Uncompleted work consists of guardrail installation, signing, stripping, obliteration of roadway near the end of the project, seeding and fertilization, pit reclamation and general clean up work. All major work has been completed on the structures over both Upper and Lower Deer Creek. Finishing and clean up operations are in progress at the present time. Two men are presently assigned inspection duties on the structure portion, and 14 men are assigned inspection of the grading portion of this project, which is 95% complete with 93% of the contract time elapsed. The contractor has 17 working days of contract time remaining.

I 90-7(35)364 U-3
Big Timber - Greycliff (Mid. Sect.)
Length - 3.2 Miles
Grading, Agg., Pl. Mix Bitum.
Surf., 245.5' and 321.0' Prest.
Conc. Girder Bridges
Contract Awarded: 2-20-79
Contract Amount: $2,812,366.01
Work Started: 4-27-79

Washington Construction Co.
Missoula, Montana
George A. Sitton, FPM, Grade
Phone 932-2485 Big Timber
Ronald T. Hoyem, FPM, Structures
Phone 932-3272 Big Timber
Contract Time: 180 Working Days
Probable Completion: Oct. 31, 1980
Effective Opening Date:

Progress has been poor with the contractor employing 12 men. The connection to the PTW on "B" line, at Sta. 52, was paved on August 14, 1980. Five hundred thirty-four tons of plant mix bituminous surfacing was placed on the connection bringing this item to 98% complete. The contractor also placed 2,500 tons of 1½" base course material bringing this item to 98% complete. The unclassified excavation item remains 95% complete. The structure subcontractor has been working on the structure at Sta. 1828+93 where he completed tying the deck steel on August 14, 1980. On August 20, 1980, the contractor placed 227 c.y. of Class BD concrete for the deck slabs. The east interchange structure at Sta. 1896 was opened to traffic on August 15, 1980. Finishing and clean up operations are continuing at present. Two men are assigned inspections duties on the structure portion, and a nine man engineering crew is assigned inspection to the grading portion of this contract which is 95% complete with 93% of the contract time elapsed. The contractor has 15 working days of contract time remaining.

I 90-7(35)364 U-5
Big Timber - Greycliff
Girder Str. (Over Boulder River)
Dual 323' Prest. Conc.
Contract Awarded: 6-8-79
Contract Amount: $1,259,840.20
Proceed Order Date: 7-5-79
Work Started: 7-12-79

Sletten Construction Company
Great Falls, Montana
Ronald T. Hoyem, FPM
Phone 932-3272 Big Timber
Contract Time: 220 Working Days
Probable Completion Date:
Effective Opening Date:

Progress has been good with the contractor employing between ten and thirteen men and working 12 eight-hour shifts. On August 14, 1980, the contractor placed 16 c.y. of BD concrete, on August 18, 1980, he placed 18½ c.y. of concrete, on August 22, 1980, he placed 17 c.y. and on August 25, 1980, he placed six c.y. of Class BD concrete, completing the barrier curbs for the eastbound structure. Striping of the eastbound deck forms was completed on August 15, 1980, and the contractor is proceeding with general clean up. Tying of the steel for the curbs on the westbound deck was started on August 25, 1980. Fifty-two c.y. of Class BD concrete was placed on the regular contract bringing this item to 95% complete, and 12½ c.y. of Class BD concrete was placed on the supplemental agreement portion, bringing this item to 92% complete. A two man engineering crew is currently assigned to this project which is 93% complete with 62% of the contract time elapsed. The contractor has 105 working days of contract time remaining.

I 90-7(35)364 U-6
I 90-7(35)364 U-7
I 90-7(41)359
F 91-1(2)0
Big Timber - Greycliff (W. Section)
Big Timber - Greycliff
Springdale - Big Timber (E. Section)
Big Timber - East & West
GR., Agg., Surf., Pl. Mix Surf. & Dual Girder Str.
Length - 11.6 Miles
Contract Awarded: August 24, 1979
Contract Amount: $9,061,336.92
Proceed Order Date: 9-25-79
Work Started: October 24, 1979

Hilde Construction Co., Inc.
Great Falls, Montana
Ross M. Johnson, FPM, Grade
Phone 932-3722 Big Timber
Dale DeVore, FPM, Structures
Contract Time: 270 Working Days
Probable Completion: July 31, 1981
Effective Opening Date:

Progress has been good with the contractor employing an average of 113 men and working double nine-hour shifts five days a week. Excavation is in progress in the cut at Sta. 1777 and this material is being placed in the fill between Sta. 1730 and Sta. 1750. Finishing operations are in progress between Sta. 1515 and Sta. 1690. The contractor moved 174,000 yards of unclassified excavation and unclassified borrow bringing these items to 65% complete. Crushing operations were suspended in the Hammersmark Pit on August 22, 1980, and the crusher is being set up in the Wilson Pit right of Sta. 1675. Crushing operations should resume on August 29, 1980. A major portion of the gravel is on the roadway between Sta. 1398 and Sta. 1513. The combined gravel and related items are now approximately 10% complete. The culvert crew has been installing the 120" SPPC multiplate at Sta. 1796 and the 54" irrigation culvert at Sta. 1793. Roe and Sons Construction Company finished the installation of the 14" waterline crossing at Sta. 1790. The combined waterline and related items are now 56% complete. A 20 man engineering crew is assigned to this project which is 47% complete with 42% of the contract time elapsed. The contractor has 163 working days of contract time remaining.

I 90-7(36)321 U-1
Bozeman Pass - East (E. Section)
Grading, Agg., Surf., Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Amount: $5,703,449.81
Contract Awarded: 8-27-75
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, Montana
George A. Sitton, FPM
Phone 932-2485 Big Timber
Contract Time: 250 Working Days
Completion Date: 6-30-78
Effective Opening Date: 6-23-78

The final estimate and supporting data will be transmitted to Helena in the near future.

RS-BRS 563-1(3)0 U-1
Springdale - Hunters Hot Springs
471' Structure and Approaches
Contract Awarded: July 27, 1979
Contract Amount: $980,785.39
Proceed Order Date: 8-17-79
Work Started: 9-18-79

Morgen & Oswood Const. Co., Inc.
Great Falls, Montana
Jerry R. Branum, FPM
No Phone Livingston
Contract Time: 240 Working Days
Probable Completion Date: Dec. 1980

Progress has been good with the contractor working nine eight-hour shifts, employing an average of 11 men. Work consisted of placing Class DD concrete for the backwalls and wings of Bents #1 and #5. Forming for deck spans #1 and #2 is also in progress. A three man engineering crew is assigned to this project which is 75% complete with 67% of the contract time elapsed. The contractor has 78 working days of contract time remaining.

M 7403(3) & M 7404(3)
5th St. - Park to Front - Livingston
Front St. - Main to Cemetery - Livingston
Gr., Agg. Surf. and Signing
Length - 1.6 Miles
Contract Awarded: February 4, 1980
Contract Amount: $629,771.95
Work Started: March 13, 1980

Rehbein Contracting, Inc.
Plains, Montana
William G. Shuyler, FPM
Phone 222-1795 Livingston
Contract Time: 90 Working Days
Probable Completion: October 17,1980
Effective Opening Date:

Progress has been good with the contractor employing between one and 25 men. Plant mix operations were completed on August 18, 1980, and sealing operations were completed on August 22, 1980. The project has been stripped and the only remaining work is seeding, fertilization and minor clean up work. A five man engineering crew is assigned to this project which is 99% complete with 93% of the contract time elapsed. The contractor has six working days of contract time remaining.

Respectfully,

Richard C. Holmes, PE, Supervisor
Division Construction Section

RCH:EJR:mt
cc: Lee Alt
Boz. Div. Lab.
Boz. Div. Ofc.

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
SEPTEMBER 1, 1980

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report for Division 3130 during the period August 19, 1980 through September 1, 1980.

GENERAL

Weather has been generally favorable, with temperatures ranging from 55° to 80°.

PRE-CONSTRUCTION

F 60-2(3) Great Falls - East
F 64(15)
Length: 9.537 Miles
Design Started: September 7, 1976

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1980

Two men worked 18 days preparing design on recently extended 4 lane portion. Design remains 59% complete.

F 3-1(1)
Fairfield - East & West
Design

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec., 1980

EAST SECTION - 4.9 MILES
No progress during this reporting period. Design remains 71% complete.

F 9-1(1)
F 238(13) Bowman's Corner - Augusta
Design Started: March 12, 1978

R. Fransen - Designer II
Great Falls - Phone #452-2361

SOUTH SECTION - 5.6 MILES
Design work on this portion will begin in the near future. Probable completion date - December, 1980.
MIDDLE SECTION - 5.4 MILES
No progress during this reporting period. Design remains 17% complete.
Probable completion date - December, 1980.
NORTH SECTION - 3.8 MILES
Design work on this portion will begin in the near future. Probable completion date - December, 1980.

BR 9050(4)
Bynum Reservoir Canal Bridge
Teton County
0.606 Miles
Location Survey

Harry Strong - Mgr. F.P.U.
Choteau - Phone #466-5671

No progress during this reporting period. Location survey remains 78% complete.

IR 15-5(69)
Ulm - Gore Hill
South Frontage Road
Plant Mix Surface
Length: 3.5 Miles
Design Started: June 30, 1980

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Sept. 30, 1980

No progress during this reporting period. Design remains 5% complete.

FR 60-2(8) 181
Belt - East & West
Plant Mix Overlay
Length: 10.6 Miles
Design Started: June 23, 1980

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Nov. 28, 1980

No progress during this reporting period. Design remains 2% complete.

RS 565-1(1)
Simms - North
Length: 1.1 Miles
Design Started: September 10, 1979

R. Fransen - Designer II
Great Falls - Phone #452-2361
Comp. Date: Oct. 31, 1980

P.I.H. held August 21, 1980. Two men worked 9 days making P.I.H. changes.
Design is 62% complete.

M 5212(1)
Great Falls South Arterial
Cascade County
Location & Design
Length: 7.6 Miles

HKM Associates - Billings
Phone #245-6354 or #259-1993
Survey Authorized: Dec. 4, 1978
Work Started: Dec. 4, 1978
Estimated Comp.: Unknown

Reviewing transcript of Public Hearing. Steering Committee meeting is scheduled for August 28, 1980. Contract is 86% complete.

CONSTRUCTION

IR 15-1(62) U-1
Elastomeric Expansion Joints
Lewis & Clark, Cascade & Toole Counties
Contract Awarded: November 29, 1979
Amount of Contract: $187,204.00
Work Started: May 12, 1980

Skinner Enterprises
P.O. Box 5447 - Helena
Stan Newton - Mgr. F.P.U.
Wolf Creek - Phone #235-4405
Comp. Time: 100 Working Days
Prob. Comp. Date: Sept. 30, 1980

IR 15-1(62) U-1 Cont'd.

Progress has been fair. The contractor using a five man crew in the preparation and placement of elastomeric expansion joints. The Prickley Pear, Spring Creek, Gary Cooper N.B. and Tintinger structures are complete. He is presently working on the Gary Cooper S.B. (60%) and Cascade South structure (45%). Contractor plans to have 3 structures under repair simultaneously beginning September 2, 1980, which should speed operations enough to complete within contract time. Items and percentages complete are: Partial Depth Slab Repair - 57%, Full Depth Slab Repair - 24%, Elastomeric Expansion Joint - 60%. The project as a whole is 61% complete with 65% of the contract time elapsed. A 2 man engineering crew engaged in layout (70%), inspection and testing.

I 15-4(51) 217
IR 15-4(53) 218
Sieben - Wolf Creek
Lewis & Clark County
Length: 12 Miles
Contract Awarded: April 5, 1980
Contract Amount: $5,221,837.97
Work Started: June 10, 1980

Zook Bros. Const. Co.
P.O. Box 2025
Great Falls, Mt. 59403
Glen Enderson - Mgr. F.P.U.
Wolf Creek - Phone #235-4405
Comp. Time: 180 Working Days
Prob. Comp. Date: July, 1981
Effective Opening Date:

Progress has been fair. The contractor using a 70 man crew has been engaged in the following activities: The reconstruction of slopes at stations 460 and 508, with material being wasted left of 449. Scaling slopes at two locations, both southbound. Excavating for new binwall and dismantling old one. Also placing shoulder widening material. Subcontractor working on guard rail throughout. Contractor plans to begin crushing quarry rock on September 2, 1980. Items and percentages complete are: Uncl. Exc. - 19%, Scaling - 48%, 1" Base Course - 44%, Guard Rail Items - 13%. The project as a whole is 8% complete with 25% of the contract time elapsed. A 10 man engineering crew engaged in layout (75%), inspection and testing.

I 15-5(64) 238 U-2 Hardy Creek Ramps
I 15-5(50) 239 U-5 Cascade North & South
Cascade County
Surfacing
Length: 14.3 Miles
Contract Awarded: August 25, 1978
Contract Amount: $3,412,155.85
Work Started: February 7, 1979

Hilde Const. Co. - Contr.
P.O. Box 2287
Great Falls, Mt. 59403
Harry Strong - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 150 Working Days
Comp. Date: Jan. 15, 1980
Effective Opening Date: 10-9-79

The project was completed January 15, 1980. Final Estimate and Supporting Data was submitted to Division office on April 18, 1980 and will be forwarded to Helena on or about September 12, 1980.

FI 15-5(66) 277
Gore Hill Drainage
Cascade County
Length: 0 Miles
Contract Awarded: March 10, 1980
Amount of Contract: $143,968.50
Work Started: April 8, 1980

Hilde Const. Co. - Contr.
P.O. Box 2287
Great Falls, Mt. 59403
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Comp. Date: July 25, 1980

The project was completed July 25, 1980. Anticipate submittal of Final Estimate and Supporting Data to Division office on September 29, 1980.

F 3-2(2) 23
Fairfield - East & West (No. Section)
Grade, Gravel & Surf.
Length: 4.6 Miles
Teton County
Contract Awarded: May 28, 1980
Contract Amount: $1,698,378.12
Work Started: June 25, 1980

McIntyre & S. Birch (J.V.)
P.O. Box 1267, Gt. Falls 59403
Tom Hammerbacker - Mgr. F.P.U.
Fairfield - Phone #467-2643
Comp. Time: 120 Working Days
Prob. Comp. Date: July, 1981
Effective Opening Date:

Progress has been good. The contractor using an average 27 man crew is conducting grading operations station 688 through 750, installing culverts at various locations and installing storm drain system in urban portion. Contractor plans to begin crushing operations August 28, 1980. Items and percentages complete are: Uncl. Exc. - 88%, Trench Exc. - 79%, RCP 15" - 62% and RCP 18" - 100%. The project as a whole is 25% complete with 33% of the contract time elapsed. An 11 man engineering crew is engaged in layout (95%), inspection and testing.

F-BRF 3-2(7) 60
Dupuyer - North & South
Structures and Approaches
Pondera County
Length: 0.033 Miles
Contract Awarded: Feb. 29, 1980
Contract Amount: $542,497.50
Work Started: March 21, 1980

McIntyre Const. & S. Birch (J.V.)
P.O. Box 2167, Gt. Falls 59403
Don Harrison - Mgr. F.P.U.
Dupuyer - Phone #472-3270
Harry Strong - Mgr. F.P.U.
Choteau - Phone #466-5671
Comp. Time: 120 Working Days
Prob. Comp. Date: Sept. 15, 1980
Effective Opening Date:

STRUCTURE
Progress has been fair. The contractor using a 5 man crew has completed all major items. He is presently finishing backfill and shaping up riprap material. Also removing old bridge material from site and general clean up. The structure is 99% complete. A 2 man engineering crew engaged in layout (98%), inspection and other assignments.
ROADWAY
Progress has been fair. The contractor using an average 13 man crew has installed perforated drain, cattle guards and finished subgrade slopes. Presently engaged in placing topsoil and gravel blanket. Items and percentages complete are: 3" CBC - 52%, Uncl. Exc. Borrow - 100%, Gravel Blanket - 100% and Perforated Drain - 100%. The project as a whole is 86% complete with 67% of the contract time elapsed. A 4 man engineering crew engaged in layout (90%), inspection and testing.

HES 10-1(3) 1 & F 10-1(2) 1
8th Ave. North with 14th & 15th Streets
Great Falls - Cascade County
Signals
Contract Awarded: Feb. 29, 1980
Contract Amount: $84,899.70
Work Started: June 2, 1980

Western Sign Corporation
P.O. Box 2669
Great Falls, Mt. 59403
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Prob. Comp. Date: Nov., 1980

No progress during this reporting period. The project awaits the arrival of above ground materials. The project as a whole remains 31% complete with 40% of the contract time elapsed. The engineering crew assigned are engaged in other assignments.

HES 21-1(1) 3
Conrad - South
Safety
Pondera County
Contract Awarded: June 30, 1980
Contract Amount: $35,124.95
Work Started: July 15, 1980

Swan & Sons Const., Inc.
P.O. Box 111, RFD #1
Anaconda, Mt. 59711
Harry Strong - Mgr. F.P.U.
Choteau - Phone #466-5671
Comp. Time: 30 Working Days
Prob. Comp. Date: Oct., 1980

Progress has been poor. Subcontractor Livesay worked 2 men 1 day placing concrete luminair bases. The project now awaits arrival of remaining lighting materials. Items and percentages complete are: Cl. "B" Concrete - 100%. The project as a whole is 50% complete with 20% of the contract time elapsed. A 1 man engineering crew engaged in layout (80%), inspection and other assignments.

RS-TQS 220-1(3) 6
Farmington - North
8.5 Miles Grade, Gravel & Surface
W/2 Structures
Teton County
Contract Awarded: June 30, 1980
Contract Amount: $3,388,519.68
Work Started: July 25, 1980

Hilde Const. Co., Inc.
P.O. Box 2287, Gt. Falls 59403
Harry Strong - Mgr. F.P.U.
Choteau - Phone #466-5671
Comp. Time: 150 Working Days
Prob. Comp. Date: Oct., 1981
Effective Opening Date:

Progress has been poor with only minor work underway. The major portion of project is through irrigated land which restricts contractor's operations until water is shut off. Subcontractor Clark is erecting fence station 312 through 760. Items and percentages complete are: Fencing - 40%. The project as a whole is 0% complete with 0% of the contract time elapsed. A 2 man engineering crew engaged in layout (75%), inspection and other assignments.

HES 227-1(2) 6
Tracy Intersection
Lighting
Cascade County
Contract Awarded: Feb. 29, 1980
Contract Amount: $14,890.00
Work Started: May 20, 1980

Western Sign Corporation
P.O. Box 2669
Great Falls, Mt. 59403
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Prob. Comp. Date: Sept., 1980

HES 227-1(2) 6 Cont'd.

No progress during this reporting period. The project remains 56% complete with 20% of the contract time elapsed. The contractor is awaiting the arrival of overhead materials. Items and percentages complete remain the same. Engineering crew assigned engaged in other assignments. Layout is 100% complete.

RS-BRS 564-1(3) 4
Carter - North
Chouteau County
1.1 Miles Grade & Agg. Surf.
Structure - 232 Feet in Length
Contract Awarded: July 29, 1980
Amount of Contract: $998,726.97
Work Started: August 18, 1980

Wickens Bros.
222 S.W. Ash
Lewistown, Mt. 59457
Walt Smith - Mgr. F.P.U.
Tony Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 160 Working Days
Prob. Comp. Date: June, 1981
Effective Opening Date:

STRUCTURE
Progress has been fair. The contractor using a 5 man crew began installing work bridge. The cofferdam cribs are being built and the steel piling are stockpiled on the project. Items and percentages complete are: Work Bridge - 38%. The structure is 3% complete. A 3 man engineering crew engaged in layout, inspection and other assignments.
ROADWAY
Progress has been poor. The contractor using a 2 man crew began clearing and grubbing and lathing slope stakes on August 18, 1980. They plan to begin fencing and grading operations when men and equipment are available. The project as a whole is 1% complete with 4% of the contract time elapsed. A 5 man engineering crew is engaged in layout (80%) and other assignments.

M 5201(5) U-1
6th St. S.W. - Gt. Falls (So. Section)
Cascade County
0.4 Miles Grade, Gravel & Surf.
Contract Awarded: June 29, 1979
Amount of Contract: $1,698,505.95
Work Started: July 26, 1979

Hilde Const. Co. - Contr.
P.O. Box 2287, Gt. Falls 50403
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 150 Working Days
Prob. Comp. Date: Sept., 1980
Effective Opening Date:

Progress has been good. The contractor using a crew of 31 men is placing median curb and backfilling same with surfacing material. Also, general cleanup throughout. Subcontractor has completed setting luminaire and signal standards. Items and percentages complete are: Lighting & Signal Items - 100% and 3/4" Top Surfacing - 100%. The project as a whole is 92% complete with 94% of the contract time elapsed. A 10 man engineering crew engaged in layout (96%), inspection and other assignments.

M 5201(5) U-3
6th St. S.W. - Gt. Falls (Middle Section)
Cascade County
0.3 Miles Grade, Gravel & Surf.
Contract Awarded: October 2, 1979
Amount of Contract: $899,050.40
Work Started: October 25, 1979

Long Const. Co., Inc.
P.O. Box 1690
Great Falls, Mt. 59403
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 120 Working Days
Prob. Comp. Date: Sept, 1980

Progress has been good. The contractor using a 21 man crew is placing concrete sidewalk and median curb throughout. Subcontractor is pulling wire and setting luminaire standards. Items and percentages complete are: Median Curb - 22%, Concrete Sidewalk - 49%, Copper Conductor - 64% and Luminaire Standards and Assemblies - 100%. The project as a whole is 90% complete with 72% of the contract time elapsed. A 10 man engineering crew doing layout (93%), inspection and other assignments.

M 5206(1)
M 5206(2)
6th & 9th Sts. at N.W. Bypass
Great Falls - Signals
Contract Awarded: June 30, 1980
Contract Amount: $78,474.00
Work Started:

Rainbow Electric Company
2220 River Drive
Great Falls, Mt. 59401
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 60 Working Days
Prob. Comp. Date: Nov., 1980

The preconstruction conference was held August 18, 1980. The contractor advises that work will begin on approval of material submittals.

M 5210(4) U-1
Structure on 1st Ave. No. - Gt. Falls
Cascade County
962 Feet in Length
Contract Awarded: Aug. 25, 1978
Amount of Contract: $5,188,929.19
Work Started: Sept. 21, 1978

Sletten Const. Co. - Contr.
P.O. Box 2467
Great Falls, Mt. 59403
Tony Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 450 Working Days
Prob. Comp. Date: Oct., 1980
Effective Opening Date:

Progress has been good. The contractor using an 18 man crew has removed deck forms and finished concrete substructure. He is presently placing the HDC overlay with one 16' lane in place and westbound traffic moved to it. The entire overlay should be complete by September 5th. The rock facia work continues. Items and percentages complete are: AD Concrete - 96%, Ped. Rail - 81%, Facia Wall - 85% and HDC Overlay - 40%. The project as a whole is 95% complete with 65% of the contract time elapsed. The 4 man engineering crew is engaged in layout, inspection, testing and other assignments.

Department of Highways

September 1, 1980

SOS 50(3)
Walker Bridge - Muddy Creek
Teton County
Length: 133'
Agreement Approved: Jan. 4, 1980
Contract Awarded: March 17, 1980
Contract Amount: $146,001.14
Work Started: April 1, 1980 (Bridge)

Zion Construction Co.
P.O. Box 2082
Great Falls, Mt. 59403
Don Harrison - Mgr. F.P.U.
Dupuyer - Phone #472-3270
Completion Time: 100 Working Days
Prob. Comp. Date: Oct., 1980

Progress has been fair. The contractor using a 3 man crew has been welding shoes and diaphragms, placing and aligning bridge rail. He plans to place membrane waterproofing and compression seal next week. Items and percentages remaining are: Membrane Waterproofing - 0% and Compression Seal - 0%. The project as a whole is 95% complete with 75% of the contract time elapsed. A 1 man engineering crew is engaged in layout, inspection and other assignments.

R.W. Freeman - P.E. - Supvr.
Division Construction Section
Great Falls

RWF/MRB/r

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

August 29, 1980

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find division 3230 progress report for the period ending August 29, 1980.

G E N E R A L

The weather for the past reporting period has been good. The temperatures ranged from a +42° to +88°.

P R E C O N S T R U C T I O N

FR 1-3 (5) 198, Glacier County Line-East
6.7 miles, Glacier County
Project Design

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

A P.I.H. was made on 6/26/80. No further work has been done on the design which remains 50% complete.

FR-1-7 (1) 404 Chinook-East
9.7 miles, Blaine County
Pl. mix surf. overlay

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

One of the irrigation companies has been contacted and a review was made but have been unable to contact two other parties involved.

HHS 58-1 (1)
Fencing Survey
Preliminary Engineering

Unassigned
Havre, Montana
Telephone No. 265-6821

Preliminary engineering work not started.

F10-2 (2) 79, Big Sandy - North
9.1 miles, Chouteau County
Project Design

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project this reporting period. The cross sections are plotted and inked. Plotting topog. on cross sections is 100% complete and hardshell is 100% complete. Design as a whole is 5% complete.

S 241-1 (01), Turner - Canadian Line
11.0 miles, Blaine County
Project Design

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

The P.I.H. changes have been completed and the plans were returned to the Preconstruction Bureau on 10/22/79.

RS 236-2 (1) 65, Big Sandy - South
12.0 miles, Chouteau County
Preliminary Engineering

Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821

There has been no work on the location survey this reporting period. The engineering crew has been assigned to other projects. The centerline, levels, cross-sections, general and utility topog are all complete. The section ties remain 0% complete. The field work is 80% complete with 291 mandays used to date.

ES-233-1 (2), Havre - North
12.0 miles Secondary Rte. 233
Project Design

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

One man worked 3½ mandays checking excavation computations and balancing quantities. Design as a whole remains 25% complete.

F 44-1 (01), Valier - East
7.2 miles, Pondera County
Project Design

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project this reporting period. Design as a whole remains 13% complete with 59½ mandays used to date.

RS 552-1 (01), Sunburst - East
10.0 miles, Toole County
Project Design

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-9562

Design plans were submitted to Helena on 6/12/80.

RS-409-1 (1) Chester-North
5.2 miles, Liberty County
Construction Layout

Albert Ullrich, Field Project Manager
Havre, Montana
Telephone No. 265-5292

No work on this project this reporting period.

RS-TQS-464-1 (01), Browning-Babb
5.9 miles, Glacier County
Project Design

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project this reporting period. Design as a whole remains 0% complete with 14½ mandays used to date.

C O N S T R U C T I O N

I-15-8 (37) 343
Toole Co. Line - North
8.3 mi. Toole Co.
pl. mix bit. surf.
seal & cover
Contract Let: 9/27/79
Contract Amount: $840,874.19
Work Started: 1/17/80

Zook Brothers Construction Company
Great Falls, Montana
Harold D. Kelly, Field Project Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 100 working days
Probable Completion Date: 10/1/80

Progress has been good due to longer shifts and working on Saturdays. The contractor worked eleven 8 to 12 hour shifts with 28 to 32 men employed. 21,520 tons of 3/4" pl. mix bit. surf. Gr. B was placed on north bound lane in mile 2.0 to mi. 8.5, making this lane 98% paved, and on south bound lane in mi. 7.0 to mile 8.5. Three days were lost due to equipment breakdown. The contract is 74% complete with 80% of the contract time elapsed. A seven man engineering crew worked 14 days inspecting contractors operations. Construction layout as a whole remains 95% complete.

I-FI- 15-8 (26) 354 & I-15-8 (35) 353
Shelby-Oilmont Jct.
14.5 miles, Toole County
Grade, aggr. surf., pl. mix
bit. surf., and structures
Contract Let: 1/25/79
Contract Amount: $8,165,151.42
Work Started: 3/11/79

Zook Brothers Construction Co.
Great Falls, Montana
Roadway:
James A. Dolan, Field Project Mgr.
Structures:
Glen E. Brown, Field Project Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 240 working days
Probable Completion Date: 10/1/80

ROADWAY

Progress for the past reporting period has been poor. The contractor moved off the project on August 13, 1980. The subcontractor, Western Sign, employed up to 8 men on one 9 hr. shift per day installing signs and guard rail which is 99% complete. The subcontractor moved off the project on August 25th. A six man crew is engaged in construction inspecting and re-measuring. The project as a whole is 93% complete with 86% of the contract time elapsed.

STRUCTURES

The subcontract is 100% complete at this time. A two man engineering crew is engaged in checking final quantities as time on other projects permits.

I-IG 15-8 (25) 379
Sunburst-Canadian Line
Sweetgrass - South, Sunburst - South
Gr. Aggr. surf., pl. mix
bit. base, pl. mix bit. surf.,
structures, safety correction
& pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.38
Work Started: 7/22/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc. (J.V.)
East Helena, Montana
Harold D. Kelly, Field Project Mgr.
Sunburst, Montana
Telephone No. 937-7111
Structures:
Glen Brown, Field Project Mgr.
Shelby, Montana
Telephone No. 434-2491
Contract Time: 215 working days
Completion Date: 10/27/77

The final estimate will be submitted after further review of grading computations has been accomplished.

F-1-3 (6) 222
U.S. 2 & 2nd St. Int. - Browning
Glacier County
Install Traffic Signals
Contract Let: 6/19/80
Contract Amount: $37,784.65
Work Started: 7/17/80

Livesay Traffic Maintenance, Inc.
Great Falls, Montana
Hugh Klepzig, Field Project Mgr.
Browning, Montana
Telephone No. 338-2610
Contract Time: 45 working days
Probable Completion Date: 10/11/80

The contractor worked one day with four men painting curbs, shoulder lines and installed 888' of 4", 681' of 8" and 114' of 24" M.L.E. Thermoplastic Striping. This completes all work until the contractor receives the signal poles and related items. The project as a whole is 33% complete with 0% of the contract time elapsed. A two man engineering crew spent one day on construction layout and inspection.

F-HES-1-3 (4) 209
U.S. 2 at East Glacier-Midvale Creek
0.1 miles, Glacier County
Guard Rail Modification
Contract Let: 5/22/80
Contract Amount: $59,677.60
Work started: 6/10/80

Swan & Sons Construction, Inc.
Anaconda, MT 59711
Hugh Klepzig, Field Project Mgr.
Browning, Montana
Telephone No. 338-2610
Contract Time: 30 working days
Completion Date: 7/11/80

Project complete. Engineering crew working on other projects as time permits.

RS-TQS 464-1 (2) 19 U-2
Browning-Babb (Duck Lake Road)
5.3 miles - Glacier County
Contract Let: 8/24/78
Contract Amount: $1,395,242.01
Work Started: 5/14/79

Rehbein Contracting, Inc.
Plains, Montana 59859
Hugh Klepzig, Field Project Mgr.
Browning, Montana
Telephone No. 338-2610
Contract Time: 120 working days
Probable Completion Date: 10/15/80

No work. Project complete except for seeding pit area. Engineering crew working on final as time permits.

TQS-236-1 (3) 49 U.1 & U.2
Winifred-Big Sandy
1.4 miles, Fergus-Chouteau Counties
Grade, gravel and structure
Contract Let: 7/24/80
Contract Amount: $3,311,034.38
Work not started

Morgan & Oswood Construction Co., Inc.
Great Falls, Montana 59401
Structure:
Glen E. Brown, Field Project Mgr.
Shelby, Montana
Telephone No. 434-2491
Roadway:
Sam Hatty, Field Project Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 250 working days
Probable Completion Date: 9/30/81

STRUCTURE

The prime contractor, Morgan & Oswood moved in an office trailer and selected a construction and concrete batch plant site on 8/22/80. The area selected is on the north side of the river between the P.T.W. and new construction, also just north of the Fish & Game park boundary. Some referencing of structure has been done on Bent No. 1, but waiting on the contractor to see what method of construction will be used before continuing the referencing. The contractor anticipates moving equipment and material onto the project next week.

ROADWAY

A five man engineering crew is engaged in construction layout. Centerline, R/W line, slope staking and borrow areas are 100% complete. The roadway construction layout is 15% complete. There has been no work on the project with 4% of the contract time elapsed.

M5709 (3), Havre - 13th Street
0.4 miles, Hill County
Gr., aggr. surf., pl. mix bit. base
pl. mix bit. surf., curb & gutter
storm drain and lighting
Contract Let: 5/3/79
Contract Amount: $733,255.51
Work Started: 5/21/79

Baltrusch Construction, Inc. &
Affiliates - Havre, Montana
Samuel Hatty, Field Project Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 90 working days
Completion Date: 7/15/80

The project was completed on Tuesday, 7/15/80. One man has been working on the final estimate as time permits.

RS-233-1 (3) 0, Havre - North
9.7 miles, Hill County
Aggr. surf., pl. mix bit. base surf.,
seal and cover
Contract Let: 11/29/79
Contract Amount: $1,187,003.20
Work Started: 4/24/80

Hilde Construction Co., Inc.
Great Falls, Montana 59401
Samuel Hatty, Field Project Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 100 working days
Probable Completion Date: 10/3/80

Progress has been good. The contractor began seal and cover operations on 8/25/80 with up to 15 men employed working 12 hour shifts. This item was completed on Thursday 8/28/80. Installing signs was completed on 8/20/80. A subcontractor, Mark Rite Lines, Inc., anticipates striping the roadway on 9/2/80. The project as a whole is 98% complete with 82% of the contract time elapsed. A three man engineering crew is assigned to construction layout and inspection.

SMP 5199-80
Crushing & Stockpiling
Glacier, Liberty, Pondera
& Toole County
Contract Let: 4/5/80
Contract Amount: $208,190.00
Work Started: 5/27/80

Felton Fenson (Joint Venture)
Missoula, Montana 59807
Al Ullrich, Field Project Mgr.
Havre, Montana 59501
Telephone No. 265-5292
Contract Time: 70 working days
Probable Completion Date: 9/29/80

Progress has been fair. The contractor is working in Pit No. 1810-47, Glacier County. 6,000 tons top surf. ½" Gr. 4 A was produced for a total of 34,000 tons. The contract as a whole is 65% complete with 81% of the contract time elapsed. One to three men are engaged in testing and inspection.

F-1-6 (4) 288 Havre-East
Rest Area Upgrading
0.0 miles, Hill County
Contract let: 8/21/80
Contract Amount:
Work not Started

Brummer Construction Co.
Chinook, Montana
Al Ullrich, Field Project Mgr.
Havre, Montana 59501
Telephone No. 265-5292
Contract Time:
Probable Completion Date:

No work on this project this reporting period.

Respectfully submitted,

Hazen D. Flickinger

Hazen D. Flickinger, P.E., Supervisor
Division Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
AUGUST 28, 1980

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending August 26, 1980.

GENERAL

Progress throughout the Division has been good. Weather was fair with temperatures ranging from plus 45 degrees to plus 88 degrees.

PRECONSTRUCTION

FR 20-1(1)19, GLENDIVE - SIDNEY
Length - 10.0 Miles
Survey Authorized - July 8, 1980
Survey Started -
Survey Completed -

G.L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Design Started - July 3, 1980
Est. Design Comp. Date - Jan. 2, 1981

No work on this project during the past period. Design remains 20% complete with 3½ mandays used to date.

F 20-2(1)33, SAVAGE - CRANE
Length - 8.0+ Miles
Survey Started - December 11, 1972

G.L. Kuester, Designer III
Design Started - August 4, 1975
Est. Comp. Date - Oct. 31, 1980

During the past period 6½ mandays were used reviewing locations in the field covered in the noise study report and working on line projections to try to lower the noise level below the maximum allowable standard. Design is 50% complete with 272 mandays used to date.

RF 20-2(2), SIDNEY - FAIRVIEW
Length - 11.6+ Miles
Survey Authorized - October 6, 1975
Survey Started - October 22, 1975
Date Survey Resumed - March 9, 1978

Robert A. Passow, Field Project Manager
Glendive, Montana - Phone 365-5296
Est. Comp. Date - Oct. 31, 1980
Christian Spring Sielback & Assoc.
2020 Grand Ave., Billings, MT 59102
Est. Design Comp. Date - Jan. 31, 1981

The survey is 100% complete except for minor work on bridge situations. Survey data was submitted to Helena for consultant design on July 29, 1980. A public location and design hearing was held July 9, 1980. No word has been received from the consultants on design progress.

F 25-1(1), CIRCLE - NORTH
Length - 8.4 Miles
Survey Authorized - March 16, 1977
Survey Started - January 6, 1978
Design Started - January 29, 1979

John M. Berres, Eng. Off. I
Glendive, Montana - Phone 365-5296
Est. Comp. Date - Sept. 1, 1982

No field work on this project this past period. Centerline run, B.M.'s, cross section, horizontal and vertical photogrammetry control and drainage recommendations are 100% complete. Field notes checked and section ties are 92% complete. A total of 572.5 mandays have been worked making the project 95% complete. Design remains 11% complete with 69½ mandays used.

S 201-2(1)39, PRESSERVILLE - FAIRVIEW
Length - 6.0 Miles
Survey Authorized - December 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

G.L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Est. Design Comp. Date - Dec. 31, 1982

Design of this project remains 11% complete with 39 mandays used to date. A meeting with the County Commissioners is pending to determine what design to complete.

S 252-1(01), CIRCLE - NORTHWEST
Length - 11.145 Miles
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Survey Resumed - January 24, 1978

G.L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Design Started - March 13, 1979
Est. Design Comp. Date - Oct. 31, 1980

No work during the past period. Plans have been submitted to Helena for P.I.H. prints. Design is 50% complete with 156 mandays used to date.

RS 253-2(1)36, BROCKWAY - SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on August 10, 1976.

S 323-1(1)47, ALZADA - EKALAKA
Length - 18.4 Miles Ground Control
Survey Authorized - March 4, 1970

Victor Scheuffele, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Est. Design Comp. Date - June 30, 1981

No work on this project during the past period. Horizontal control and elevations are 100% complete. Mapping has been completed by the Photogrammetric Unit. Plotting of centerline on the contour map remains 90% complete. A total of 380½ mandays to date have been used on field work.

CONSTRUCTION

I-94-5(21)181, FALLON - DAWSON CO. LINE
Length - 6.7 Miles
Pl. Mix Bitum. Surf. Seal & Cover
Contract Awarded - October 2, 1979
Amount of Contract - $1,050,861.36
Work Started - March 21, 1980

Zook Brothers Construction Co.
Great Falls, Montana
H.D. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 100 Working Days
Est. Comp. Date - Oct. 24, 1980
Effective Opening Date - N/A

Work on the roadway was completed July 30, 1980. Work remaining is gravel pit reclamation and seeding. The seeding cannot be completed until the fall seeding date of October 15, 1980. Project is 99% complete with 67 working days or 67% of contract time elapsed. One to three men working on final notes and estimate.

I-94-6(23)202, GLENDIVE - WEST
I-94-6(28)209, GLENDIVE - EAST AND WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf., Signing, Guardrail, and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Sons, Inc.
Box 310, Cavalier, North Dakota 58220
Ken Quale, Fld. Proj. Mgr.-Structure
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Comp. Date - October 31, 1977
Effective Opening Date - October 1976

I-94-6(23)202, GLENDIVE - WEST
I-94-6(28)209, GLENDIVE - EAST AND WEST, (Continued...)

Contract was completed on October 31, 1977 using 233 working days or 95% of the contract time. Final estimate is 100% complete with checking in the Division Office being 100% complete. Submittal to Helena is dependant on contractors review of earthwork quantities.

I 94-6(26)216, WIBAUX CO. LINE-WEST(WEST SECTION)
I 94-6(29)226, U-2, WIBAUX CO. LINE-WEST(EAST SECT.)
I 94-6(30)221, U-2, WIBAUX CO. LINE-WEST(MIDDLE SECT.)
Length - 16.9 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf.,
Signing, Guardrail, and Structures
Contract Awarded - August 24, 1979
Amount of Contract - $11,396,442.47
Work Started - October 9, 1979

Duininck Brothers & Gilchrist
Box 208, Prinsburg, Minnesota 56281
Bernard F. Kelly, Fld. Proj. Mgr.-Rdwy.
Ken Quale, Fld. Proj. Mgr.-Structure
Glendive, Montana - Phone 365-5296
Contract Time - 250 Working Days
Probable Comp. Date - June 30, 1981
Effective Opening Date -

Progress this past period has been good. Prime Contractor Duininck Brothers & Gilchrist employed 42 men working one 4-hour shift, seven 9-hour shifts, two 10-hour shifts crushing and placing 37,140 Tons of 1½" CBC for a total of 431,140 Tons making this item 91% complete; also worked one 2-hour shift, one 11-hour shift, eight 12-hour shifts producing 1½" Plant Mix Base for 43,962 Tons or a total of 182,162 Tons making this item 71% complete. Sub-Contractor Candee Construction Co. suspended work as of July 25, 1980. The grading portion of the contract remains approximately 97% complete. Sub-Contractor Wylie Trucking, Fargo, North Dakota employed 14 men working 10 variable length shifts hauling 1½" CBC and 1½" Plant Mix Base throughout project. Sub-Contractor Swan & Son employed 6 men working one 4-hour shift and nine 8-hour shifts installing CM Fence on project making fencing items approximately 60% complete. Sub-Contractor Cop Construction Co. worked one 3-hour, one 9-hour, and eight 8-hour shifts employing from 5 to 14 men. Work consisted of forming for backwalls, diaphragms and deck slab and placing concrete for backwalls on westbound structure at Station 429+54.60. Completed the placement and tying of deck slab reinf. steel with plans to pour deck slab August 29, 1980 on westbound structure at Station 429+54.60. To date 332.7 Cubic Yards of Class "AD" Concrete have been placed or 98% complete. 129,525 Lbs. of reinf. steel placed or 95% complete and 282 Cubic Yards of Class "BD" concrete placed or 67% complete. The structure portion of this sub-contract is 88% complete. The project is 55.5% complete with 135 working days or 54% of the contract time elapsed. Construction layout is 80% complete with a 22 man engineering crew assigned.

IR 94-7(15)233, WIBAUX EAST & WEST(EAST SECTION)
Length - 6.5 Miles
Plant Mix Bitum. Surf., Seal & Cover
Contract Awarded - May 10, 1979
Amount of Contract - $872,076.50
Work Started - July 20, 1979

Meyer Construction Company
P.O. Box 1417, Billings, MT 59103
Victor Scheuffele, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 100 Working Days
Probable Comp. Date - Oct. 24, 1980
Effective Opening Date - N/A

Progress this past period has been poor. The Prime Contractor Meyer Construction Co., began moving onto project on August 21, 1980 and erected construction signing with 2 men August 22, 1980. The contractor began actual chip-seal operations at noon on August 25, 1980 working seven hours and employing 20 people. The contract items involved are as follows: traffic control-devices--83% complete; traffic control-flagging--51% complete; traffic control-pilot car--11% complete; rolling cover material--21% complete; cover material ½" Grade 3--24% complete; and emulsified asphalt CRS-2--21% complete. No work on August 26, 1980 due to inclement weather. Construction layout is 98% complete with 1 to 3 men assigned part time. The project as a whole is 83% complete with 94 working days or 93% of the contract time elapsed.

PROGRESS REPORT

CONSTRUCTION

F 57-7(5)328, MERRILL AVENUE - GLENDIVE
Length - 0.7 Miles
Grading, Aggr. Surf., Pl. Mix Surf., Seal Cover, Curb & Gutter, Signing & Lighting
Contract Awarded - February 20, 1979
Amount of Contract - $1,272,404.81
Work Started - May 10, 1979

Gus M. Albert, Contractor
Box 370, Miles City, MT 59301
H.D. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 110 Working Days
Comp. Date - Aug. 5, 1980
Effective Opening Date - Oct. 12, 1979

The project was completed August 5, 1980 using 135 of 142 working days or 95% of contract time allowed. Final estimate submitted to Division Office for final checking on August 22, 1980 and final checking is 75% complete.

Respectfully,

Bruce Russell

Bruce Russell, P.E., Supervisor-
Division Construction Section

BR:JMB:nu

DEPARTMENT OF HIGHWAYS
WOLF POINT, MONTANA
August 29, 1980

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending August 29, 1980.

GENERAL

Weather the past period has varied from cool to warm temperatures. Progress on road and bridge construction has been fair. The temperatures ranged from a low of 50 degrees to a high of 84 degrees.

PRECONSTRUCTION

F 22-2(01), Plentywood-South
Formerly F 193 (22)
Approximately 10 Miles in Length
Authorized - 05-27-70
Location Survey Started - 12-09-74
Location Survey Completed - 05-02-79

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050
Design Started - 09-01-78
Est. Compl. Date (PIH) - 09-15-80

Seven days were used this past period on design work for a total of 321 man days. Design on line change is 48% complete. Work consisted of plotting construction limits, right-of-way and utility call outs on Utility Brownline.

F 32-1(01), Macon-North
Formerly RF 266(11)
Approximately 10 Miles in Length
Location Survey Started - 12-22-76
Authorized - 11-04-76
Compl. Date - 06-14-79 (Location)

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
Design Started - 12-28-78
Est. Compl. Date (PIH) - 03-15-81

Location survey field work is 100% complete. No man days were used on design this period. A total of 43 man days used to date. Design remains 7% complete. Profile map submitted to Helena for proposed typical section.

F 32-2(02), Scobey-South
Formerly RF 266(14)
Approximately 11.4 Miles in Length
Authorized - 01-22-75
Location Survey Resumes - 01-11-79
Location Survey Suspended - 3-30-79

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
Est. Compl. Date - 10-31-79
Design Started - 06-01-79
Est. Compl. Date (PIH) - 12-15-80

No man days used on design this period. Design is 0% complete. Profile map submitted to Helena for proposed typical section.

F 62-1(3), Missouri River Bridge
South of Culbertson
Location Survey Started - 02-20-79

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date -

Bridge site situation sheet submitted to Helena on 05-23-79. A total of 15 man days have been used to date on location survey.

S TQS 469-1(1), Snowden Bridge
Approximately Miles in Length
Authorized - 09-20-79
Location Survey Started -
Location Survey Completed -

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Comp. Date -

Nine to ten man survey crew worked 114 days this past period and completed closing traverse with EDM instrument, checking closure with coordinates, and running bench level circuits. Percentages complete are: Traverse 100%; Coordinate checking 60%; Bench levels 80%. The survey as-a-whole is 75% complete with 114 man days used to date. Estimated date of completion is September 15, 1980.

RS 258-1(1)0, Reserve-East
Approximately 11.0 Miles in Length
Authorized - 08-24-79
Suspended - 03-28-80

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date - 06-01-81

No man days used this period. Crew assigned to construction projects. Percentages complete are: Centerline 100%; Bench Levels 25%. The project as-a-whole is 15% complete with 173 man days used to date. Estimated date of completion is June 1, 1981. Survey suspended March 28, 1980, because of construction activities and no further reports will be submitted until work resumes.

RS 344-1(2)15, Froid-West
Approximately 7.5 Miles in Length
Authorized - 05-01-78

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050

No man days used this period. Total remains at 28 man days used. The cross-sections are 90% complete. Design is 8% complete.

BR 9036(9), Beaver Creek Bridge
Approximately 0.2 Miles in Length
Authorized - 02-20-80

Douglas Durocher, Fld Proj Mgr
Wolf Point, Montana
653-1050

Location Survey is 100% complete. All field notes and supporting data was submitted to the division office on March 24, 1980; all data submitted to Helena.

CONSTRUCTION

F TQF 1-9(3)537, F 1-9(5)542, HHS 1-9(6)541 & F 42-3(3)75, Glasgow-Northwest
6.3 Miles in Length
Grading, Aggregate Surfacing, Plant Mix
Base & Surfacing, Storm Sewers, Signing
Two 114.0 Concrete Slab Bridges, Seal & Cover
Contract Let - 08-24-78
Contract Awarded - 08-25-78
Proceed Order Date - 09-15-78

Earth Builders, Inc.
Bismarck, North Dakota
James E. Baldwin, Fld Proj Mgr
Glasgow, Montana
228-2717
Working Days - 180
Prob. Compl. Date - 10-80
Effective Opening Date - 08-13-80

F TQF 1-9(3)537, F 1-9(5)542, HHS 1-9(6)541
& F 42-3(3)75, Glasgow-Northwest (Cont.)

Work Started - 09-26-78
Amount of Contract - $3,256,676.00

No work on the project this past period. All items are 100% complete with the exception of seeding. No further progress reports will be submitted until after October 15. The project as-a-whole is 99% complete with 174 days or 95% of the contract time elapsed. Engineering crew assigned to other projects.

RS BRS 246-1(3)0, Tampico-Southeast
7.4 Miles in Length
Grading, Aggregate Surfacing
Plant Mix Base Surf., Seal &
Cover, Girder Bridge
Contract Let - 04-03-80
Contract Awarded - 04-05-80
Proceed Order Date - 04-28-80
Work Started -
Bid Price - $1,176,922.59

Hilde Construction
Great Falls, Montana
Douglas Durocher, Fld Proj Mgr-Road
Larry Greufe, Fld Proj Mgr-Bridge
Glasgow, Montana
228-2717
Working Days - 110
Est. Compl. Date -

Progress this past period has been fair. Prime contractor, Hilde Construction Co., employed from 16 to 17 men for nine 10 hour shifts on grading operations in the first five miles of the project. Work for the period consisted of placing Unclass-Exc. and Borrow-Exc. Sta's. 150+ to 191+, Placing topsoil Sta's. 50+ to 80+, Culvert installations Sta's. 110+ to 146+. Items and percent complete are: Unclass-Excavation 58%, Unclass-Borrow 61%, Roadbed compaction 47%, Topsoil 43%, Drainage items 42%, and Construct detour 80%. Sub-contractor, Cop Construction Co., employed 3 men for ten various shifts on structure at Sta. 255+12. Work for the period consisted of driving all service pile, tied and placed reinforcing steel in Bent 2, excavated keyway and shaping slopes under structure to place random rip rap, and installing a work bridge over irrigation ditch for prime contractor. Items and percent complete are: Remove structure 100%, Structure Exc. Type I 50%, Piling 98% and Reinforcing steel 3%. The project as-a-whole is 24% complete with 69 days or 62% of the contract time elapsed. The construction layout is 95% complete with a ten man engineering and inspection crew engaged on the project.

SMP 3699-80, Maintenance Stockpiles
Contract Let - 01-31-80
Contract Awarded - 02-04-80
Proceed Order Date - 02-25-80
Work Started - 06-11-80
Bid Price - $189,590.00

Wickens Brothers
222 S.W. Ash
Lewistown, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Act. Compl. Date - 07-10-80

Project was completed on July 10, 1980. Project is 100% complete with 50% of the contract time elapsed. Final submitted to Helena 8-25-80. All items complete except seeding.

SMP 4699-79, Maintenance Stockpiles
Contract Let - 03-29-79
Contract Awarded - 04-04-79
Proceed Order Date - 04-25-79
Work Started - 06-18-79
Bid Price - $167,712.00

Meyer Construction Company
Billings, Montana
Leroy E. Anderson, Matl. Supr.
Wolf Point, Montana
653-1050
Working Days - 65
Prob. Compl. Date - 10-15-80

All items are now 100% complete except for temporary fencing and seeding. Contract is 99% complete with 95% of the contract time elapsed.

Robert M. Hanson
For Vernon D. Borden, P.E., Supr.
Division Construction Section

VDB:RH:cj

cc: Field Project Managers
Don Williams
Leroy Anderson
File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

Billings, Montana
August 29, 1980

Following is the Preconstruction and Construction Progress Report in Division 5130 for the period ending August 29, 1980.

GENERAL

Temperatures ranging from +50 to +92 degrees prevailed with .13 inches of precipitation received during the reporting period. The majority of the construction projects reported fair to good progress during the past reporting period.

PRECONSTRUCTION

F 4-1(2)26 Bridger - Fromberg
Length: 7.448 Miles
Design Received: 5-26-78
Design Started: 7-1-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 10-30-81

No work was accomplished on this project during the past reporting period. Design work remains 40% complete.

F 23-1(2)2 Miles City South - No. Sec.
5.646 Miles Design Work
Design Started: 11-20-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 10-30-81

No work was accomplished on this project during the past reporting period. Design work is 30% complete.

M 1020(1) 1st Ave. No. - Billings
Division Street to 22nd Street
1.0 Miles Design Work
Design Started: 6-5-79

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 6-27-81

No work was accomplished on this project during the past reporting period. Design remains at 12% complete.

RS 306-1(1)0 Columbus - North
3.887 Miles Design Work
Design Received: 3-30-77
Design Started: 9-15-77

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-1-82

No work was accomplished on this project during the past reporting period. Design work is 25% complete.

RS 308-1(4)9 Belfry West
5.244 Miles Design Work
Design Started: 5-21-79

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-8-83

No work was accomplished on this project during the past reporting period. Design work remains 12% complete.

DP 384-2(1) Sarpy Creek Rd., No. Sec.
11.218 Miles Design Work
Design Work Not Started

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 9-30-82

No work was accomplished on this project during the past reporting period. Design work is 1% complete.

DP 37-1(1)18 Crow Agency-Busby (Ctr. Sec.)
8.812 Miles Design Work
Design Started: 2-22-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 12-12-80

One man worked on this project during the past reporting period, adjusting grade lines. Revised cross sections in the Dipping Vat Creek area have been submitted to Helena for key punching on the ground line control. Design work remains at 23% complete.

DP 37-1(1)18 Crow Agency-Busby (East Sec.)
9.446 Miles Design Work
Design Started: 5-16-80

James M. Young, Designer, III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-3-81

Three men worked on this project during the past reporting period, plotting cross sections, designing proposed grade lines and inking in the section corners and stations on the mylar plan and profile sheets. Design work is 7% complete.

DP 314-1(1)18 Decker - Busby
Length: Approximately 15 Miles
Survey Authorized: 4-30-79
Survey Began: 10-1-79

Gerald M. Loran, Fld. Prj. Mgr.
Billings, Montana
Phone No. 248-3827

No work was done on the subject project during the past reporting period. All work is complete on the ground control work for the photogrammetric unit except completing the section corner lines. Work on the section ties will resume when personnel are available.

FR 28-2(4)70 Red Lodge - Boyd
Length: 20.6 Miles
Survey Authorized:
Survey Began:

Gerald M. Loran, Fld. Prj. Mgr.
Billings, Montana
Phone No: 248-3827

Work on the survey will begin when personnel are available.

PRECONSTRUCTION

IR 90-8(83)388 Reedpoint East (Overlay) — Unassigned
Length: 7.8± Miles
Survey Authorized: 2-7-80
Survey Began:

Work on the survey will begin when personnel are available.

IR 90-8(92)437 Mossmain - Lockwood — Unassigned
Length: 11.0 Miles
Survey Authorized: 7-28-80
Survey Began:

Work on the survey will begin when personnel are available.

CONSTRUCTION

IR 90-3(50)184 U-1 & IR 94-1(45)16 U-2
Replacement of Sliding Plate Expansion Joints - Big Horn, Gallatin, Park, Stillwater, Treasure and Yellowstone Counties
Contract Awarded: 5-30-80
Amount of Contract: $731,324.00
Proceed Order Date: 6-25-80
Work Not Started:

Skinner Enterprises
Helena, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No: 252-4138
Contract Time: 150 Working Days
Probable Completion Date:
Effective Opening Date: N/A

The contract was let on May 22, 1980 and awarded to Skinner Enterprises on May 30, 1980. The order to proceed was issued effective June 25, 1980, and a suspend work order issued effective the same day, pending arrival of materials. Contract time has since been started on August 18, 1980 and the preconstruction conference was held in the Billings Office on August 22, 1980. At that time, the contractor stated that he planned to begin work in approximately six weeks.

I 90-9(33)516 Lodge Grass No. - No. Sec.
9.146 Miles Grade, Drain, PMBB, PMBS and Structures
Big Horn County
Contract Awarded: 3-1-79
Amount of Contract: $9,162,711.88
Proceed Order Date: 3-1-79
Work Started: 4-16-79

Hilde Construction Company, Inc.
Great Falls, Montana
Raymond Schaak, Fld. Prj. Mgr. Rdwys.
Lodge Grass, Montana
Phone No. 639-2964
Don Taylor, Fld. Prj. Mgr., Structures
Hardin, Montana
Contract Time: 300 Working Days
Probable Completion Date: 9-30-80
Effective Opening Date:

Good progress. The contractor worked 7 - 10 hours shifts employing 23 men on seal and cover operations. Seal and cover work was completed on August 20, 1980. The fencing sub-contractor, Swan and Sons, worked 10 - 8 hour shifts employing 5 men building Interstate fence left and right of station 425+00 to 435+00 and 600+00 to 610+00. The signing and Guard Rail sub-contractor, Western Sign Corp., worked 4 - 10 hour shifts employing 7 men, laying out guard rail runs, and unloading concrete guard rail posts throughout the project. The bridge sub-contractor, Flynn

I 90-9(33)516 Lodge Grass No. - No. Sec. (Cont.)

Company Inc., worked ten 8 hour shifts and employed an average of five people. Substructure and superstructure concrete is being finished. Some grinding of deck slabs remains to be done. Concrete form material and equipment are being hauled from the project. The work bridge at station 285+00 is being removed. Grading items are 99% complete, Drainage items are 99% complete, Surfacing items are 99% complete, Fencing items are 91% complete, Guard Rail and Signing are 9% complete, Miscellaneous items are 70% complete, Structure items are 99% complete. An 11 person engineering crew worked 10 - 8 hours shifts setting control points for guard rail, checking field notes, and on construction inspection. The project is 92% complete with 71% of the contract time elapsed. Roadway construction layout is 99% complete, strucuture layout is 100% complete.

I 90-9(54)525 & F 73-1(2)0
Lodge Grass No. - So. Section &
Lodge Grass I Conn.
6.6 Miles Grading, Drain, PMBB
PMBS and Structures
Big Horn County
Contract Awarded: 4-4-79
Amount of Contract: $9,400,893.08
Proceed Order Date: 5-2-79
Work Started: 5-14-79

Peter Kiewit Sons' Company
Billings, Montana
Roddo Bakich, Fld. Prj. Mgr. Rdwys.
Lodge Grass, Montana
Phone No: 639-2968
James Rangitsch, Fld. Prj. Mgr - Struc.
Lodge Grass, Montana
Contract Time: 300 Working Days
Probable Completion Date: 10-1-80
Effective Opening Date:

Progress this reporting period has been good. The contractor worked 10 nine hour shifts, employing an average of 25 people. Work done in this reporting period was the seal and cover, which was completed on 8-18-80; excavating and readying the forms for the slope protection underneath the Lodge Grass Interchange Overpass at Sta. 976+35 and Sta. 977+05 east and west bound. Only other work being done is the cleanup along the project and moving of unneeded equipment from the project. Flynn Co., Inc., the sub-contractor on the structures, worked five 8 hour shifts, employing an average of six men. Flynn Co. completed stripping forms and false work from the Lodge Grass Interchange structures and placed joint sealant on all structures. All percentages remain as previously reported. The structure item as a whole remains 94% complete. One man is engaged in general inspection and office work. The percentages complete of various items are as follows: Grading Items 99%, Drainage Items 99%, Surfacing Items 98%, Misc. Items 72%, Concrete Items 75%. The project as a whole is 94% complete with 65% of the contract time elapsed. Twelve persons were assigned to the project for engineering and construction inspection. The engineering layout is 81% complete.

F 4-1(1)0 Wyoming Line - North
19.6 Miles Fencing
Carbon County
Contract Awarded: 4-5-80
Amount of Contract: $183,986.50
Proceed Order Date: 4-28-80
Work Started: 4-22-80

Swan and Sons Construction, Inc.
Anaconda, Montana
Gerald M. Loran, Fld. Prj. Mgr.
Billings, Montana
Phone No: 248-3827
Contract Time: 65 Working Days
Completion Date: 6-23-80
Effective Opening Date: N/A

The project is 100% complete with 52% of the contract time used. A total of 34 working days were used. One engineering person worked 9 eight hour shifts on white prints. Five man engineering crew worked 1 eight hour shift checking white prints and out in the field checking on quantities. The final estimate should be in the Division office August 27, 1980.

DP 314-1(3)0 Wyoming Line - Northwest
3.7 Miles
Plant Mix Surf. Overlay & Striping
Big Horn County
Contract Awarded: 7-6-79
Proceed Order Date: 7-27-79
Amount of Contract: $627,600.37
Work Started: 8-20-79

James Kraus, Contractor
Great Falls, Montana
Gerald M. Loran, Fld. Prj. Mgr.
Billings, Montana
Phone No: 248-3827
Contract Time: 60 Working Days
Completion Date: 7-24-80
Effective Opening Date: N/A

The project is 100% complete with 100% of the contract time elapsed. The final at this time is being held up waiting for the contractor to furnish his rental sheets for the Extra Work Order (Rolling Cover Material). Two man engineering crew worked 1 eight hour shift on the Final Estimate.

DP 37-1(4)12 Temporary Detour on
Crow Agency-Busby (Center Section)
Grade, Drain, Agg. Surf., PMS
Big Horn County
Contract Awarded: 4-5-80
Amount of Contract: $188,182.10
Proceed Order Date: 4-28-80
0.0 Miles

Hilde Construction Company, Inc.
Great Falls, Montana
Gerald M. Loran, Fld. Prj. Mgr.
Billings, Montana
Phone No: 248-3827
Contract Time: 60 Working Days
Probable Completion Date: 10-30-80
Effective Opening Date: 7-11-80

The contractor did no work during this reporting period. All items with the exceptions of seeding and fertilizing are 100% complete. No time is now being charged against this project due to Art. 17.14 (F) 2 (Seeding Dates). The project as a whole is 98% complete with 80% of the contract time elapsed. There was no engineering work done on the project during this reporting period. The contract was let on August 21, 1980. A four man engineering crew worked 4 eight hour shifts running reference lines.

F 16-1(11)1 Var. Int. - Billings
0.0 Miles
Traffic Control Devices
Yellowstone County
Contract Awarded: 6-8-79
Amount of Contract: $345,143.00
Proceed Order Date: 6-29-79
Work Started: 7-23-79

Midland Electric Company & One Way
Sign Company (J. V.)
Billings, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No: 252-4138
Contract Time: 60 Working Days
Completion Date: 5-22-80
Effective Opening Date: N/A

All work on the project has been completed with 55 working days elapsed and a total of 7 working days remaining. Tow men have worked twenty man-days in the office on notes, quantities, and material for the final estimate which should be turned in to the division office on or about September 30, 1980.

HES 1025(2) 6th Street West Overpass
Billings
0.0 Miles
Ice Warning System
Yellowstone County
Contract Awarded: 6-8-79
Amount of Contract: $52,973.30
Proceed Order Date: 6-29-79
Work Started: 12-26-79

Yellowstone Electric Company
Billings, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No: 252-4138
Contract Time: 30 Working Days
Probable Completion Date: 8-30-80
Effective Opening Date: N/A

All work on the project has been completed by the contractor, and all items on the project are 100% complete. The contractor has been issued a suspend work order, but the project cannot be certified complete until the representative from Surface Systems, Inc., corrects the malfunction of the equipment. Contract time elapsed is 21 working days or 70% to date and a total of 9 working days remain. One man has worked approximately one man-day in the office on notes and material for the final estimate.

M 1018(4) 4th and 6th Ave. N. Couplet
Billings
0.9 Miles Grade, Gravel, PMS, Stm. Sewer
Lighting and Signals
Yellowstone County
Contract Awarded: 5-28-78
Amount of Contract: $1,998,367.50
Work Started: 6-23-80

Meyer Construction Company
Billings, Montana
Don Kittelson, Fld. Prj. Mgr.
Billings, Montana
Phone No: 245-2101
Contract Time: 120 Working Days
Probable Completion Date: 5-1-81

Progress this reporting period has been fair. Work in progress during this reporting period consisted of Grading and Drainage. With the exception of removing the building right of Sta. 32+50 on 6th Ave. No., no work was done on the project the week of August 10th due to the fair being in progress which interferred with the grading operation. Grading work being done on 6th Ave. No. between Sta. 26+00 and Sta. 33+00 with the excess material being hauled to Waste Areas No. 1 and 2 at the Metra. 17,262 cu. yds. of material were hauled using a night shift operation. Sixth Ave. North is closed to traffic during the shift. Drainage work was being done on 6th Ave. No. between Sta. 14+85 and Sta. 15+07 with the storm sewer being installed. Lowering of a 6" water line on 6th Ave. No. at Sta. 15+00 and a sanitary sewer at Sta. 14+90 was completed and the drop inlet left of Sta. 300+44 on N. 7th St. was installed during this reporting period. The contractor, Meyer Const. Co., worked five nine hour shifts on the grading with fourteen mem employed and one eight hour shift with four men employed on removing the building. The sub-contractor, Steel Structures, Inc., worked five eight hour shifts on the drainage work with five men employed. The Miscellaneous items are 22% complete; the Grading items are 54% complete; the Drainage items are 66% complete; the Surfacing items remain 8% complete; the Signing items remain 3% complete. The project as a whole is 24% complete with forty-three of the 120 working days allowed having been used or 36% of the contract time elapsed. A four man survey crew worked ten days on the project re-staking the left side of 6th Ave. No. from Sta. 31+00 to Sta. 36+00, running centerline 6th Ave. No. from Sta. 11+00 to Sta. 31+44, extending centerline in Waste Area no. 1, staking manholes at Sta. 27+20

M 1018(4) 4th and 6th Ave. N. Couplet
Billings - (Cont.)

6th Ave. and Sta. 35+52 4th Ave., and staking drop inlets on N. 7th Street. Three men are assigned to grading and drainage inspection and one man is assigned to the office. Engineering layout remains 46% complete.

FAS 314 Relocation: Decker-Busby
by Northern Energy Resources
5.6 Miles Road Relocation
Big Horn County
Proceed Order Date: 5-1-79
Work Started: 8-13-79

Washington Const. Company, Inc.
Missoula, Montana
Victor Scheuffele, Fld. Prj. Mgr.
Decker, Montana
Contract Time: 448 Calendar Days

Conditional acceptance of the project was made on 7-24-80. Final acceptance will be made when remaining minor items are completed.

Respectfully submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/MCV/bj

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
August 29, 1980

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the preconstruction and Construction Progress Report for the period ending August 29, 1980, for Division 5230 - Miles City, Montana.

GENERAL

Mostly clear skies and normal temperatures prevailed during the period. Temperatures ranged from 52° to 96°. All construction projects are in fair to good travel condition.

PRECONSTRUCTION

F 23-1(2)7 - Miles City-South (South Section)
Length - 6.7 Miles
Design Started: May 16, 1979

A.D. Anderson, Designer III - Design
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: June 17, 1981

Work in progress during the past period consisted of preparing cross-sections and summary sheets. Eleven man days were used during the period, making a total of 97 man days. Design as a whole is 17% complete.

DP 39-1(3)38 - Colstrip to I-94
(Armell's Creek-North and South)
Length - 6.4 Miles
Design Started: November 21, 1977

A.D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: Sept. 10, 1980

Work in progress during the past period consisted of checking the design plan. Four man days were used during the period, making a total of 536 man days. Design as a whole is 94% complete.

CT 39-1(11)21 - Colstrip-Forsyth
(South Section)
Length - 5.8 Miles Grading, Agg. Surf.,
Pl. Mix Surf. & R.R. Overpass Structure
Contract Not Awarded

D.J. Strohmayer, Field Project Manager
Miles City, MT - Tel. No. 232-1093

A six-man engineering crew was assigned to this project August 28, 1980. Work in progress since that date has consisted of running centerline and staking the detour road. To date, centerline has been run on 5.8 miles or 100% complete and R/W has been run on 5.0 miles or 87% complete. Construction layout, with a seven-man engineering crew engaged, is 6% complete.

DP 447-1(4)16 - 16 Miles South of Rosebud-
South (Snyder Creek-North Section)
Length - 9.1 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977
Survey Suspended: March 4, 1977
Survey Resumed: January 2, 1980

R.E. Swanson, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: Nov. 30, 1980

DP 447-1(4)16 - 16 Miles South of Rosebud-South (Continued)

No work was performed on this location survey during the past period. To date, centerline and levels have been run and topography and cross sections taken on 9.1 miles or 100% complete. Plan and profile have been plotted on 8.5 miles or 93% complete. Section ties have been made on 1.0 mile or 11% complete. 569 man days have been used. The survey as a whole is 94% complete.

SR 447-1(5)0 - Rosebud-South
Length - Approx. 8.0 Miles
Survey Not Started

Field Project Manager - Unassigned

Authorization to make this survey for future plant mix surfacing overlay was issued April 17, 1980. Engineering Personnel will be assigned when available.

SR 484-1(1)0 - Ashland-Otter Creek
Length - Approx. 10.0 Miles
Survey Not Started

Field Project Manager - Unassigned

Authorization to make this survey was issued March 28, 1980. Engineering personnel will be assigned when available.

M 8008(1) - Haynes Avenue (Miles City)
Length - 1.0 Mile
Survey Started: March 6, 1978
Survey Suspended: February 22, 1980

D.L. Stewart, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: Dec. 15, 1980

All work was suspended on this location survey February 22, 1980. The Custer County Water & Sewer District is currently placing water and sewer lines through this entire project. The survey will be resumed upon completion of this work. To date, centerline and levels have been run, cross sections and topography taken, section ties made and plan and profile plotted on 1.0 mile or 100% complete. 112 man days have been used. The survey as a whole is 80% complete.

CONSTRUCTION

IR 94-1(45)16 U-1
Expansion Joint Replacement at Six Structure Locations in Rosebud, Custer, Prairie, and Wibaux Counties
Contract Let: November 29, 1979
Proceed Order: April 16, 1980
Amount of Contract: $160,712.00
Work Started: May 29, 1980

COP Construction Company, Contractor
Billings, Montana
W.D. Dane, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 90 Working Days
Probable Completion Date: Sept. 12, 1980
Effective Opening Date: N/A

Progress during the past period has been good. Work in progress consisted of partial-depth slab repair on the passing lane of bent 2, E.B. Structure, Bridge over Power River, Station 1094+31. To date 19,253 units of traffic control devices have been used or 98% complete. 100 hours of traffic control flagging have been used or 100% complete. 293 lineal feet of partial-depth slab repair have been made or 91% complete. 40 lineal feet of full-depth slab repair have been made or 100% complete. 234 lineal feet of elastomeric joint materials have been installed or 81% complete. The contractor worked eight 8-hour shifts during the past period with an average of five men employed. The project as a whole is 94% complete with 76% of the contract time elapsed. Construction layout, with a one-man engineering crew engaged, is 96% complete.

I 94-3(34)90 - Forsyth-East and West
Length - 5.7 Miles Pl. Mix Surf., Seal & Cover
Contract Let: September 27, 1979
Proceed Order: October 26, 1979
Amount of Contract: $734,778.80
Work Started: January 16, 1980

Zook Brothers Construction Co.
Great Falls, Montana
D.J. Strohmayer, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 80 Working Days
Actual Completion Date: June 11, 1980
Effective Opening Date: June 11, 1980

All items were completed in conformance with Plans, Specifications, and Special Provisions June 11, 1980. Formal inspection and acceptance were made June 12, 1980. The Final Estimate, with a one-man engineering crew engaged, is currently 90% complete and will be submitted to the Division Office about September 26, 1980.

F-TQF-DP 39-1(5)44 U-1 Colstrip to I-94 (North Section)
Length - 7.0 Miles Grade., Agg. Surf., and Plant Mix Surfacing
Contract Let: March 30, 1978
Proceed Order: April 21, 1978
Amount of Contract: $2,397,998.99
Work Started: June 20, 1978

Hilde Constr. Co., Contractor
Great Falls, Montana
D.J. Strohmayer, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 200 Working Days
Actual Completion Date: Oct. 31, 1979
Effective Opening Date: Sept. 20, 1979

All items were completed in conformance with Plans, Specifications, and Special Provisions October 31, 1979. Formal inspection and acceptance were made November 1, 1979. The Final Estimate with a two-man engineering crew engaged, is currently 85% complete and will be submitted to the Division Office about September 26, 1980.

RS 447-1(3)8 - 8 Mi. South of Rosebud-South
Length - 4.1 Miles Grade., Agg. Surf. & Pl. Mix Base Surfacing
Contract Let: May 3, 1979
Proceed Order: May 31, 1979
Amount of Contract: $1,241,949.83
Work Started: June 4, 1979

Wickens Brothers, Contractor
Lewistown, Montana
R.E. Swanson, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 150 Working Days
Actual Completion Date: May 28, 1980
Effective Opening Date: Nov. 16, 1979

All items were completed in conformance with Plans, Specifications, and Special Provisions May 28, 1980. Formal inspection and acceptance were made May 28, 1980. The Final Estimate was submitted to the Division Office July 31, 1980, and is currently 85% complete.

RS-TQS 462-2(3)13 - 13 Miles North of Rock Springs-North
Length - 14.3 Miles Grading, Graveling, & Drainage
Contract Let: December 13, 1979
Proceed Order: April 16, 1980
Amount of Contract: $1,697,493.02
Work Started: March 31, 1980

Wickens Bros., Contractor
Lewistown, Montana
D.L. Stewart, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 120 Working Days
Probable Completion Date: Nov. 7, 1980
Effective Opening Date: August 27, 1980

Progress during the past period has been good. Work consisted of completing 1" Select Surfacing Gr. 6, random Rip Rap, fencing items, installing guard rail and anchors, and revising bridge rail. All items are now complete with the exception of fertilizing and seeding. The contractor worked ten 9-hour shifts with 20 men employed. The project as a whole is 99% complete with 76% of the contract time elapsed. Construction layout, with a seven-person engineering crew engaged, is 95% complete.

DP-BRS 566-1(3)31 - 7 Miles Southwest of Birney
Length - 178.0' Steel & Conc. Bridge
Over Tongue River & Approaches
Contract Let: December 13, 1979
Proceed Order: April 16, 1980
Amount of Contract: $416,037.97
Work Started: February 5, 1980

COP Construction Co., Contractor
Billings, Montana
W.D. Dane, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 120 Working Days
Probable Completion Date: Sept. 30, 1980
Effective Opening Date:

Progress during the past period has been good. Work in progress consisted of placing all concrete for the deck and backwalls at bent nos. 1 and 4. To date, 4,066 cubic yards of Selected Surfacing 1½" Grade 5 have been produced or 85% complete. The contractor worked six 8-hour and one 11-hour shifts during the past period with an average of seven men employed. The project as a whole is 75% complete with 73% of the contract time elapsed. Construction layout, with a one-man engineering crew engaged, is 87% complete.

SOS 44(3) U-2 - Hammond Valley Road
(Rosebud County)
Length - 3.5 Miles Drain, Reshape, Gravel Surface and Sign.
Contract Approved: April 4, 1980
Estimated Cost: $68,000.00
Work Started: April 11, 1980

Rosebud County, Contractor
Forsyth, Montana
R.E. Swanson, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: September 15, 1980
Effective Opening Date: June 2, 1980

No work was performed on this project during the past period. All items have been completed with the exception of signing and guardrail. The project as a whole is 95% complete.

J.B. Randall

Jay B. Randall, P.E.,
Supr.-Div. Constr. Section

JBR:DM:wr

cc: Division File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

LEWISTOWN, MONTANA

AUGUST 29, 1980

State of Montana
Department of Highways
Helena, Mt. 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of August 16, 1980 through August 29, 1980.

GENERAL

The temperature varied from 84°F above to 39°F above zero with 0.38 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

RF 14-2(01)75 Martinsdale-East and Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Started: 1/4/71

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

Martinsdale-East: Bridge situation survey was submitted to Helena on 9/19/73. Drainage and Irrigation Notes, including Field Recommendations were submitted to Helena on 7/18/73. Tracing Plan and Profile Linens remain 80% complete. Plotting templates on cross-sections, plotting section ties and re-designing connections to P.T.W., plotting construction limits and preliminary Right-of-Way and designing miscellaneous items are all 100% complete; plotting and finalizing summaries are 98% complete. Writing preliminary special provisions and computing preliminary cost estimates are 100% complete. The design as a whole is 49% complete with 180 man-days expended to date.

Two Dot-West: The P.I.H. was held August 31, 1977. P.I.H. changes are 61% complete. The design as a whole is 68% complete with 337 man-days expended to date. The design has been suspended pending Hydraulics recommendations.

F 75-2(2)33 Stanford East & West
Approximate Length: 13.3 Miles
Survey Authorized: 9/28/76 & 10/24/77
Survey Started: 1/31/77
Survey Suspended: 4/6/77

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Division Design Section on May 30, 1980.

HES 57-2(6)45 Windham Curve
Approximate Length: 0.5 Miles
Survey Authorized: 3/20/80
Survey Started 3/26/80

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work this reporting period. The survey is 100% complete with 34 man-days expended to date.

F 57-3(03)122 Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2/15/72
Survey Started: 11/25/74

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

The preliminary P.I.H. was held June 4 and 5, 1980. P.I.H. changes remain 40% complete. The design as a whole is 65% complete with 236 man-days expended to date.

F 57-3(01)83 Lewistown-East
Approximate Length: 12.6 Miles
Survey Authorized: 6/2/77
Survey Started: 7/9/80
Survey Completed: 7/31/80

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

The survey for the first 5.1 miles was submitted to the Division Design on July 31, 1980. The P.I.H. was held August 21, 1980. Ten man-days were used making P.I.H. changes for 5% complete. The design as a whole is 51% complete with 18 man-days expended to date.

FR 75-1(1)0 Lewistown Bypass
Approximate Length: 1.7 Miles
Survey Authorized: 4/11/80
Survey Started:

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Division Design on May 27, 1980. Nine man-days were used making P.I.H. changes for 60% complete. The design as a whole is 68% complete with 44 man-days expended to date.

FR 63-1(1)10 Harlowton-North
Approximate Length: 17± Miles
Survey Authorized: 7/17/80
Survey Started: 8/18/80

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

A five man crew worked nine days this reporting period. Work consisted of re-establishing control points and retracing centerline from Junction of U.S. 12 and U.S. 191 East of Harlowton to three miles north. Forty-two man-days have been expended to date.

RS 000S (68) Fergus County
Signing Graveled Secondaries
Approximate Length: 45.5 Miles
Survey Authorized:
Survey Started:

Unassigned at this time

No work on this project to date.

RS 000S (69) Judith Basin County
Signing Graveled Secondaries
Approximate Length: 23.2 Miles
Survey Authorized:
Survey Started:

Unassigned at this time

No work on this project to date.

M 7106(3) Spring Street 8th-11th - Lewistown
Approximate Length: 1100.0 Feet
Survey Authorized: 12/06/76

HKM Associates
Consulting Engineers
Billings, Montana

Survey and Field Work - 100% complete. Planning and Design - 98% complete.

M 7109(1) 4th Avenue - Lewistown
Approximate Length: 0.4 Miles
Survey Authorized: 9/28/76

HKM Associates
Consulting Engineers
Billings, Montana

Surveying and Field Work - 100% complete. Planning and Design - 98% complete.

RS 245-1(1) Six Miles Northwest - Jordan
Approximate Length: 8.0 Miles
Survey Authorized: 9/28/76
Survey Started: 5/1/78

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work performed on this project this reporting period. All items remain as previously reported. Centerline has been re-established and is 100% complete; locating bench marks is 25% complete, 64% of the R/W 72 Authorizations Forms have been signed by the respective owners and returned to the Division Office. Twenty-five man-days have been expended to date with the survey as a whole about 5% complete.

RS 297-1(01)9 Hedgesville-North
Approximate Length: 18.0 Miles
Survey Authorized: 1/31/78
Survey Started:

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed this reporting period. A total of seventeen man-days have been expended to date.

F 57-5(1)171 Sand Springs-West
Approximate Length: 8.1 Miles
Survey Authorized: 11/20/78
Survey Started: 3/21/79

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

Transmittal of field location notes, horizontal and vertical control data was submitted to Division Construction Supervisor, W.S. Strizich, on 5/21/79. Field Survey work began 3/21/79 and was completed 5/18/79 with 202 man-days used to complete the survey.

F 61-3(2)85 Mobridge-South
Slide Correction 2.5 Miles
South Fred Robinson Bridge
Approximate Length: Unknown
Survey Started: 3/14/79

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work this reporting period. Additional checking in this area will be required on once a month basis. Sixty-six man-days have been expended to date.

RS 294-1(02)12 Lennep-East and West
Approximate Length: 6.9 Miles
Survey Authorized: 5/24/77
Survey Started: 7/5/78

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Division Design on 2/28/79. Plotting and inking cross-sections and plotting profile are all 100% complete. Tracing Plan and Profile Linens remains 80% complete. Writing planning report and making cost comparison for rebuild concept versus upgrade concept are 100% complete. The design as a whole remains 14% complete with 53 man-days expended to date.

BR 9019(7) Musselshell River Bridge
Approximate Length: 0.4 Miles
Survey Authorized: 3/14/80
Survey Started: 6/23/80

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work has been done on the survey the past reporting period. The project remains 80% complete with 42 man-days expended to date. Personnel are assigned to other projects.

BR 9023(4) Judith River Bridge
Approximate Length: 0.2 Miles
Survey Authorized: 3/14/80
Survey Started: 8/1/80

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

Thirteen man-days were expended the past reporting period establishing and cross-sectioning centerline. Items and percentages of completion are as follows: Centerline - 100% complete; Cross-sections - 65% complete. The overall survey is 40% complete with 17 man-days expended to date.

CONSTRUCTION

F-TQF 57-4(3)130 Winnett East & West
Grade Aggregate Surfacing, Plant Mix
Bituminous Surfacing
Length: 6.7 Miles
Contract Let: 8/24/78
Contract Amount: $1,754,797.16
Work Started: 9/25/78

Earth Builders, Inc.
Bismarck, North Dakota
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 180 Working Days
Probable Compl. Date: 10/1/80

All work on the project is complete with the exception of some seeding areas and gravel pit reclamation. The project is 99% complete with 95% of the contract working days expended. Final estimate and supporting data will be submitted to Division Office about 11/1/80.

F 43-1(03)3 Lewistown-North
Plant Mix Overlay
Contract Let: 1/25/79
Contract Awarded: 2/20/79
Contract Amount: $848,084.80
Work Started: 7/2/79

Earth Builders, Inc.
Bismarck, North Dakota
Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Contract Time: 75 Working Days
Completion Date: 7/18/80
Effective Opening Date: 9/18/79

The project was completed on July 18, 1980 and certified complete by the Division Supervisor as of that date. The final estimate and supporting data will be submitted to the Division Office on or about November 1, 1980.

F 14-2(4)42 White Sulphur Springs
0.0 Miles
Cantilever Sign Structure
Contract Let: 2/28/79
Contract Awarded: 3/1/79
Contract Amount: $11,624.00
Work Started: 7/2/79
Work Completed: 8/14/79

Midland Electric Co.
Billings, Montana
Dale DeVore
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 10 Days
Completion Date: 8/14/79
Effective Opening Date: N/A

The project was completed on August 14, 1979. The project was completed using 10 of the 11 allowable working days. Final estimate and supporting data will be submitted to the Division Office August 29, 1980. Final will be submitted to Helena September 12, 1980.

SMP 3399-79 Various Counties
Musselshell, Fergus & Yellowstone
Maintenance Stockpiles
Contract Awarded: 10/25/79
Contract Amount: $248,715.00
Work Started: 11/29/79
Work Completed: 2/22/80

Meyer Construction Co.
Billings, Montana
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 75 Working Days

Contractor completed crushing and stockpiling Maintenance Stockpiles in Fergus County 12/13/79, Musselshell County 2/11/80 and Yellowstone County 2/22/80. Fifty working days were expended of the seventy-seven days allotted. All work is complete except for gravel pit reclamation which will be completed when weather conditions are satisfactory. Final estimate and supporting data were submitted to Division Office on 2/29/80 and will be submitted to the Construction Bureau 9/30/80. Pit releases have not been received.

RS 310-2(1)35 Musselshell-South
Plant Mix, Bituminous Surfacing Seal & Cover
Contract Let: 1/31/80
Contract Awarded: 2/4/80
Contract Amount: $748,871.60
Proceed to Work Date: 4/16/80
Work Started: 4/16/80

Meyer Construction Co.
Billings, Montana
Carl W. Park
Field Project Manager
Roundup, Montana
Telephone: 323-2075
Contract Time: 90 Working Days
Probable Comple. Date: 11/1/80

All work on the project is complete, with the exception of seeding in urban section and gravel pit reclamation. The project as a whole is 99% complete with 50% of the contract working days expended. Final estimate will be submitted to Division Construction Office about October 20, 1980.

SR 238-1(2)0 Lewistown-South
Plant Mix Overlay
Contract Let: 5/22/80
Contract Awarded: 5/28/80
Contract Amount: $365,222.06
Work Started:

James Kraus, Contractor
Great Falls, Montana
Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Contract Time: 60 Working Days
Probable Compl. Date: 10/29/80
Effective Opening Date:

Progress the past reporting period has been fair. Excavation-Unclassified is 95% complete and the contractor is grading ditches to drain and blading shoulders to grade. The contractor has completed crushing PMS aggregate, 3/4 inch CTS and should complete the cover material on 8/28/80. The contractor has from 5 to 11 people employed and is working one to two 8 hour shifts per day, five days per week. The project is 5% complete with 25% of the contract time elapsed. Construction layout remains 50% complete with 3 to 8 engineering personnel assigned to the project.

BR 9014(6) Wolf Creek Bridge
Contract Awarded: 12/6/79
Contract Amount: $81,168.05
Work Started: 1/21/80
Work Completed: 5/14/80

Wickens Bros.
Lewistown, Montana
Carl W. Park
Field Project Manager
Lewistown, Montana
Contract Time: Completion by 3/1/80

Project was completed 5/14/80. Final inspection and acceptance was made 5/16/80 by W. S. Strizich, Division Construction Supervisor. County acceptance was made by Robert Barber, Fergus County Commissioner. The project was completed within the allowable contract time. Final and supporting data were submitted to Division Office June 24, 1980 and was submitted to the Construction Bureau August 27, 1980.

PMS 4140(57) Epoxy Pavement Marking
Contract Awarded: 5/28/80
Contract Amount: $170,601.20
Work Started: 7/22/80
Work Completed:

Century Fence Co.
Waukesha, Wisconsin
Various Field Project Managers
Contract Time: 45 Working Days
Probable Compl. Date: 10/1/80
Effective Opening Date: N/A

No work this reporting period. Paint truck broke down 8/11/80. Used 1,152 Gallons of Yellow Epoxy to date for 84% complete, 445.5 Gallons of White Epoxy to date for 71% complete, 20.99 Gallons of White Epoxy Words and Symbols to date for 72% complete, 2,583 Ln. Ft. of Remove 4" Stripe todate for 37% complete. The project as a whole is 79% complete with 47% of the contract time elapsed. One engineer personnel is assigned to this project. State Maintenance furnishing all traffic control.

PMS 4140 (58) Statewide Striping
Contract Awarded: 5/28/80
Contract Amount: $335,384.28
Work Started: 7/7/80
Work Completed:

Mark Rite Lines, Inc.
Billings, Montana
Various Field Project Managers
Contract Time: 75 Working Days
Probable Compl. Date: 10/1/80
Effective Opening Date: N/A

PMS 4140 (58) Statewide Striping. . Continued

No work this reporting period. The Contractor has pulled his crews off this project to work on other projects in the area. Contractor has striped in Wolf Point and Havre Divisions this reporting period. White paint to date 20,900 Gals. for 69% complete. Yellow paint to date 9,651 Gals. for 66% complete with 45% of the contract time elapsed. One to three Engineering Personnel are assigned to the project.

Respectfully submitted,

W. S. Strizich

W. S. Strizich, P.E., Supervisor
Division Construction Section

WSS:JHP:det

cc: Field Project Managers
Design Section

DIRECT PARTICIPATION
FEDERAL HIGHWAY ADMINISTRATION

July 23, 1980

As of July 23, 1980

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

PROJECT	LOCATION	LENGTH	TYPE WORK	PERCENT TIME USED	% WORK COMPLETED AND ESTIMATED COMPLETION DATE	CONTRACTOR AND CONTRACT AMOUNT
FH 59-2(6)	Beartooth Highway	5.119	Grading, Surfacing Bridge	65%	65% (09/01/80)	Hilde Construction Co. $2,794,257.50
FDR-4724,25,26	Miller Creek	13.644	Grading, Aggregate Surfacing	100%+	95% (08/08/80)	L. M. Johnson Inc. $1,579,018.50
GNP RD4-414	Chief Mtn Road & Approach	14.009	Grading, Recycling Surfacing, Bridge	80%	96% (07/01/80)	Peter Kiewit Sons Co. $2,576,434.00
FH 61-1(4)	North Fork Flathead, Big Creek Bridge	0.492	Bridge & Approaches	100%+	83% (05/01/80)	COP Construction Co. $481,200.00
FHP 13-3(3)	Columiba Falls - Glacier Park Highway	0.441	Grade, Surface and Railroad Bridge	74%	73% (08/30/80)	COP Construction Co. $1,404,786.00
FH 13-3(4)	Columbia Falls - Glacier Park Highway	3.194	Grade, Surfacing, Two Bridge	13%	04% (07/01/82)	Murphy Brothers Inc. $7,923,163.00

RECEIVED
JUL 31 1980